



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

2025-09-02

Time of Issue: 14:06:00 hours IST

(Mid-Day)

#### ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

#### **Significant Weather Features**

## Weather Forecast and Warnings:

#### **Northwest India:**

Extremely heavy rainfall very likely at isolated places over Himachal Pradesh, Uttarakhand on 02nd September.

Isolated heavy rainfall likely to continue East Uttar Pradesh on 02nd & 08th; Himachal Pradesh, Punjab, West Uttar Pradesh on 03rd; Uttarakhand during 02nd -08th; Haryana, Chandigarh during 02nd-05th; East Rajasthan during 02nd-06th September with isolated very heavy rainfall very likely over Jammu-Kashmir on 02nd & 03rd; Punjab, Haryana, Chandigarh, West Uttar Pradesh on 02nd; West Rajasthan during 04th-06th; East Rajasthan during 03rd-05th September.

Light/moderate rainfall at most/many places over the region during next 7 days.

#### West India:

Extremely heavy rainfall very likely at isolated places over Gujarat Region during 04th-06th; Saurashtra & Kutch on 06th & 07th September.

Isolated heavy rainfall is very likely over Konkan & Goa, Madhya Maharashtra during 02nd-07th; Marathawada on 03rd; Saurashtra & Kutch on 04th & 08th; Gujarat Region during 02nd-08th with very heavy rainfall over Konkan & Goa, Madhya Maharashtra during 02nd-05th; Marathawada on 02nd; Gujarat Region during 03rd; Saurashtra & Kutch on 05th September.

Light to moderate rainfall accompanied with thunderstorm & lightning at a few/many places very likely over the region during next 7 days.

#### East & Central India:

Extremely heavy rainfall very likely at isolated places over Chhattisgarh & Odisha on 02nd September.

Isolated heavy rainfall likely over West Madhya Pradesh, Chhattisgarh during 02nd-05th; East Madhya Pradesh during 02nd-04th; Vidarbha on 04th; Sub-Himalayan West Bengal & Sikkim on 02nd, 03rd, 07th & 08th; Gangetic West Bengal on 02nd & 03rd; Bihar on 08th; Jharkhand on 02nd; Odisha on 05th & 06th September with isolated very heavy rainfall over West Madhya Pradesh on 03rd & 04th; East Madhya Pradesh on 03rd; Vidarbha on 02nd & 03rd; Chhattisgarh on 03rd September.

Light to moderate rainfall at most/many places accompanied with thunderstorm & lightning likely over the region during next 7 days.

#### Northeast India:

Isolated heavy rainfall likely to continue over Assam & Meghalaya, Nagaland, Manipur, Mizoram & Tripura during 02nd -07th and Arunachal Pradesh on 04th & 07th September.

Light/moderate rainfall at many places accompanied with thunderstorm & lightning likely during next 7 days.

#### South Peninsular India:

Isolated heavy rainfall likely over Kerala & Mahe, Coastal Andhra Pradesh & Yanam, Telangana, Coastal Karnataka during 02nd-04th; North Interior Karnataka on 02nd September.

Light to moderate rainfall accompanied with thunderstorm & lightning at a few places likely over the region during next 7days.



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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 Andaman & Nicobar Islands, Gangetic West Bengal, Odisha, Jharkhand, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, East Rajasthan, East Madhya Pradesh, Konkan & Goa, Vidarbha, Coastal Karnataka and Kerala & Mahe; at many places over Sub Himalayan West Bengal & Sikkim, East Uttar Pradesh, West Madhya Pradesh, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam, Telangana, South Interior Karnataka and Lakshadweep; at a few places over Arunachal Pradesh, Nagaland, Manipur, Mizoram & Tripura, West Rajasthan, Gujarat Region, Marathwada and North Interior Karnataka; at isolated places over Assam & Meghalaya, Bihar, Saurashtra & Kutch, Rayalaseema and Tamil Nadu, Puducherry & Karaikal:
- ♦ Significant rainfall recorded(in cm) (from 0830 hours IST of yesterday to 0830 hours IST of today): West Uttar Pradesh: Sasani (dist Hathras) 23; Nakur (dist Saharanpur) 17; Bilari (dist Moradabad) 14; Chandausi (dist Sambhal) 13; Budaun (dist Badaun), Hathras (dist Hathras) 12 Each; Aonla (dist Bareilly) 11; Odisha: Hatadihi (dist Keonjhargarh) 22; Balasore (dist Balasore), Ghasipura (dist Keonjhargarh) 13 Each; Nh5 Gobindpur (dist Balasore), Th Rampur (dist Kalahandi) 12 Each; Anandpur (dist Keonjhargarh) 10; Himachal Pradesh: Naina Davi (dist Bilaspur) 20; East Rajasthan: Dausa (dist Dausa) 18; Punjab: Ludhiana Irr (dist Ludhiana), Bul Irr (dist Ludhiana) 17 Each; Payal REV (dist Ludhiana) 15; Phagwara (dist Kapurthala), Doraha Irr (dist Ludhiana) 11 Each; Bhadson Irr (dist Patiala) 10; Haryana-Chandigarh-Delhi: Gurgaon REV (dist Gurgaon) 14; Beri (dist Jhajjar) 12; Dhauj (dist Faridabad) 11; Palwal (dist Palwal), Kalanaur (dist Rohtak), Dhansa (dist South West Delhi), Badli REV (dist Jhajjar), Jhahhar (dist Jhajjar), Bhiwani REV (dist Bhiwani), Kvk Crpf Campus (dist South West Delhi) 10 Each; Chhattisgarh: Nangur (dist Bastar) 13; Dantewara (dist Dantewada) 11; Uttarakhand: Haldwani (dist Nainital) 12; Mukteshwar (dist Nainital) 10; East Uttar Pradesh: Robertsganj (dist Sonbhadra) 12; Muhammadi (dist Kheri) 11; Gangetic West Bengal: Sagar Island PTO (dist South 24 Parganas) 12; Amta (dist Howrah) 10; West Madhya Pradesh: Sailana (dist Ratlam), Aron (dist Guna) 11 Each; Telangana: Utnur (dist Adilabad) 10; Vidarbha: Wani (dist Yeotmal) 10; Marathwada: Kinwat (dist Nanded) 10.
- ♦ Heavy Rainfall observed (from 0830 hours IST of yesterday to 0830 hours IST of today): Extremely heavy rain at isolated places over Odisha and West Uttar Pradesh. Heavy to very heavy rain at isolated places over Gangetic West Bengal, Odisha, East Uttar Pradesh, West Uttar Pradesh, Uttarakhand, Haryana-Chandigarh-Delhi, Punjab, Himachal Pradesh, East Rajasthan and Chhattisgarh. Heavy rain at a few places over Andaman & Nicobar Islands and at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Jharkhand, West Rajasthan, West Madhya Pradesh, East Madhya Pradesh, Madhya Maharashtra, Marathwada, Vidarbha, Coastal Andhra Pradesh & Yanam and Telangana.
- \* Minimum Temperature Departures (as on 02-09-2025): markedly above normal(> 5.1°C) at isolated places over Assam & Meghalaya, East Uttar Pradesh, West Uttar Pradesh, Himachal Pradesh, Saurashtra & Kutch and Vidarbha. appreciably above normal(3.1°C to 5.0°C) at many places over East Madhya Pradesh; at few places over West Madhya Pradesh; at isolated places over Sub Himalayan West Bengal & Sikkim, Bihar and Tamil Nadu, Puducherry & Karaikal. above normal(1.6°C to 3.0°C) at few places over Arunachal Pradesh, Gujarat Region and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Gangetic West Bengal, Odisha, Haryana-Chandigarh-Delhi, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Madhya Maharashtra, Chhattisgarh, Coastal Andhra Pradesh & Yanam and Kerala & Mahe. near normal(-1.5°C to 1.5°C) at many places over Andaman & Nicobar Islands, East Rajasthan and Telangana; at most places over Jharkhand, Punjab, West Rajasthan, Marathwada, Rayalaseema, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Uttarakhand. The lowest minimum temperature of 19.5°C is reported at JEUR(MADHYA MAHARASHTRA) over the Plains of India.
- \* Maximum Temperature Departures (as on 01-09-2025): markedly above normal(> 5.1°C) at isolated places over Assam & Meghalaya and Odisha. appreciably above normal(3.1°C to 5.0°C) at many places over Nagaland, Manipur, Mizoram & Tripura and Sub Himalayan West Bengal & Sikkim; at few places over Arunachal Pradesh and Bihar; at isolated places over Gangetic West Bengal. above normal(1.6°C to 3.0°C) at most places over Jharkhand; at few places over Chhattisgarh; at isolated places over West Uttar Pradesh, Vidarbha, Coastal Andhra Pradesh & Yanam, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe. near normal(-1.5°C to 1.5°C) at many places over East Madhya Pradesh, Gujarat Region, Konkan & Goa and Marathwada; at most places over Saurashtra & Kutch, Coastal Karnataka, South Interior Karnataka and Lakshadweep; at few places over Andaman & Nicobar Islands, East Uttar Pradesh, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Madhya Maharashtra, Telangana and North Interior Karnataka; at isolated places over Himachal Pradesh, West Rajasthan, West Madhya Pradesh and



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Rayalaseema. The highest maximum temperature of 39.6°C is reported at SILCHAR (ASSAM).



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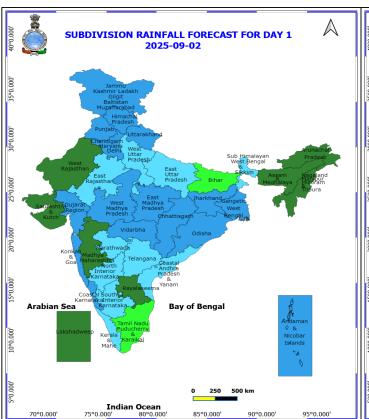
#### Meteorological Analysis (Based on 0830 hours IST)

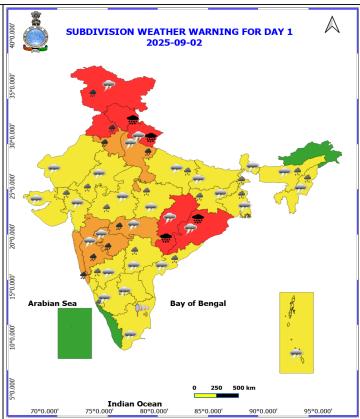
- The **Low Pressure** area over Northwest Bay of Bengal persisted over the same region at 0830 hrs IST of today, the 02nd Sept 2025. It is likely to become more marked over the same region during next 24 hours. It will move west-northwestwards thereafter across Odisha during the subsequent 24 hours.
- The **monsoon trough** at mean sea level now passes through Bikaner, Jaipur, Datia, Sidhi, Jharsuguda, Puri centre of **low pressure** area over Northwest Bay of Bengal.
- The **upper air cyclonic circulation** over south Haryana & neighbourhood and extending upto 1.5 km above mean sea level persists.
- The **trough** from north Kashmir to northwest Madhya Pradesh across Punjab, Haryana, northeast Rajasthan between 3.1 & 5.8 km above mean sea level persists.
- The **Western Disturbance** as a trough in middle & upper tropospheric level now runs roughly along Long. 72°E to the north of Lat. 28°N with its axis at 7.6 km above mean sea level.

#### Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall likely over Northeast & East India, Gujarat State, Western Ghats Region, Northwest India except Jammu-Kashmir-Ladakh where isolated rainfall likley.
- Isolated to Scattered rainfall likely over Central and South Peninsular India.







#### 2 September (Day 1)

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

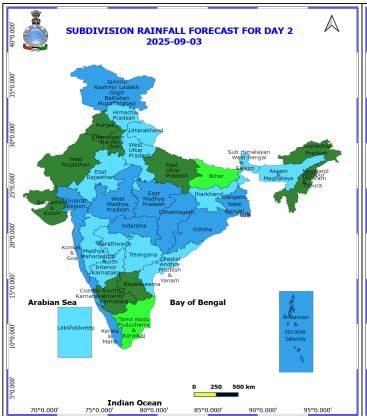
Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, most parts of westcentral Arabian sea, adjoining & many parts of southwest, eastcentral Arabian Sea.

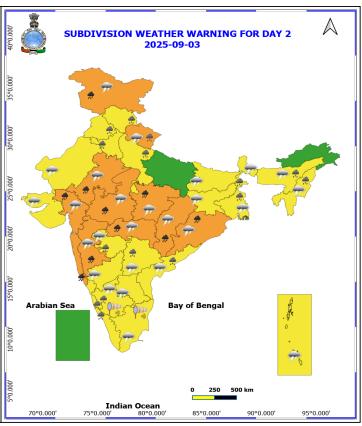


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Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Konkan, Goa, Karnataka coasts, some parts of eastcentral, southeast Bay of Bengal, over Lakshadweep, Comorin areas, few parts of Maldives, over most parts of Bay of Bengal, Andhra Pradesh, Odisha, West Bengal, Bangladesh, Myanmar coasts, off Sri Lanka coast, over Gulf of Mannar, Andaman Sea.







#### 3 September (Day 2)

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

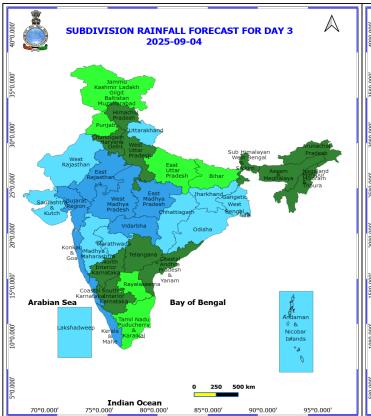
Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, most parts of westcentral Arabian sea, adjoining & many parts of southwest, some parts of eastcentral Arabian Sea.

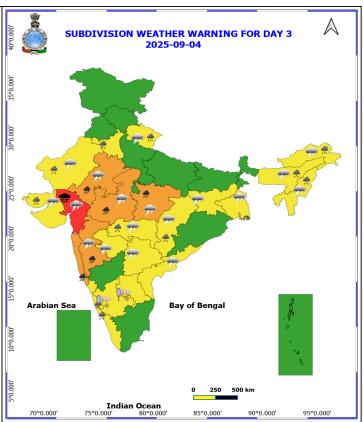


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Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Konkan, Goa, Karnataka, Kerala coasts, many parts of eastcentral, some parts of southeast Arabian Sea, over Lakshadweep, Comorin areas, some parts of Maldives, over most parts of southwest, central, northwest Bay of Bengal, some parts of southeast Bay of Bengal, along and off Andhra Pradesh, Odisha, West Bengal coasts, off Sri Lanka coast, over Gulf of Mannar, Andaman Sea.







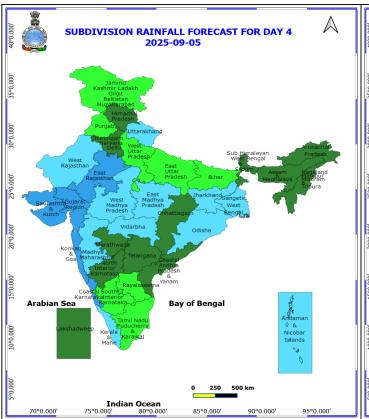
#### 4 September (Day 3)

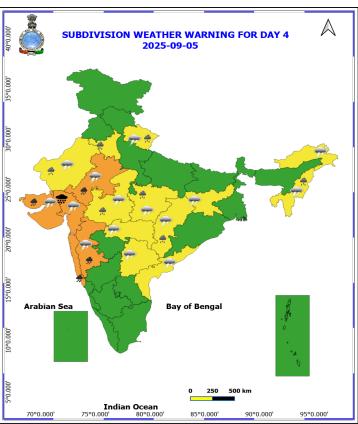
- ♦ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall very likely at isolated places over Gujarat Region.
- ♦ Heavy to Very Heavy Rainfall very likely at isolated places over East Rajasthan, Konkan & Goa, Madhya Maharashtra and Madhya Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Haryana, Chandigarh & Delhi, Kerala & Mahe, Nagaland, Manipur, Mizoram and Tripura, Saurashtra & Kutch, Uttarakhand, Vidarbha and West Rajasthan.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Coastal Andhra Pradesh, Gangetic West Bengal, Jharkhand and Telangana.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Gujarat State, Madhya Pradesh, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Rajasthan and Uttarakhand.
- Strong Surface Winds very likely at isolated places over Rayalaseema and South Interior Karnataka.

Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, most parts of westcentral Arabian sea, adjoining & many parts of southwest Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat, Konkan, Goa, Karnataka, Kerala coasts, and adjoining sea areas, over Lakshadweep, Comorin areas, along and off Tamil Nadu, Andhra Pradesh coasts, over most parts of westcentral, southwest Bay of Bengal & adjoining areas of southeast Bay of Bengal, off Sri Lanka coast, over Gulf of Mannar.







#### 5 September (Day 4)

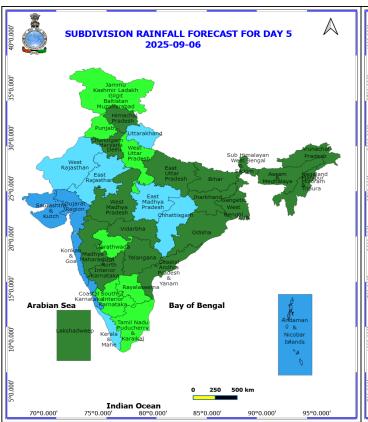
- ♦ Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Gujarat Region.
- Heavy to Very Heavy Rainfall likely at isolated places over East Rajasthan, Konkan & Goa, Madhya Maharashtra and Saurashtra & Kutch.
- ♦ Heavy Rainfall likely at isolated places over Chhattisgarh, Haryana, Chandigarh & Delhi, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Uttarakhand and West Rajasthan.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Coastal Andhra Pradesh, Jharkhand and Telangana.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Arunachal Pradesh, Chhattisgarh, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Rajasthan, Uttarakhand and Vidarbha.

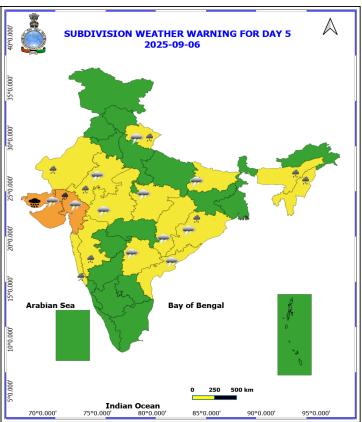
Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, most parts of westcentral Arabian sea, adjoining & many parts of southwest Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat, Konkan, Goa coasts, and adjoining sea areas, off Tamil Nadu, Andhra Pradesh coasts, over most parts of westcentral, southwest Bay of Bengal & adjoining areas of southeast Bay of Bengal, off Sri Lanka coast, over Gulf of Mannar.

Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off north Konkan, south Gujarat coasts and adjoining sea areas.







#### 6 September (Day 5)

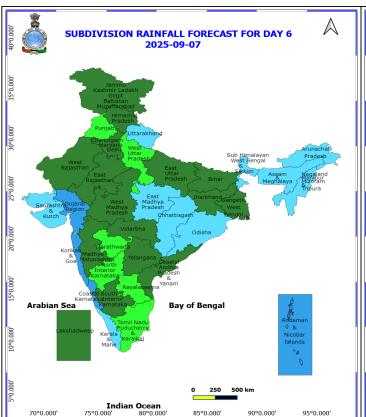
- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Saurashtra & Kutch.
- \* Heavy to Very Heavy Rainfall likely at isolated places over Gujarat Region.
- ♦ Heavy Rainfall likely at isolated places over Assam & Meghalaya, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Rajasthan and Uttarakhand.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar, Coastal Andhra Pradesh, Odisha and Telangana.
- **Thunderstorm accompanied with Lightning** likely at isolated places over Chhattisgarh, East Rajasthan, Gujarat State, Madhya Pradesh and Uttarakhand.

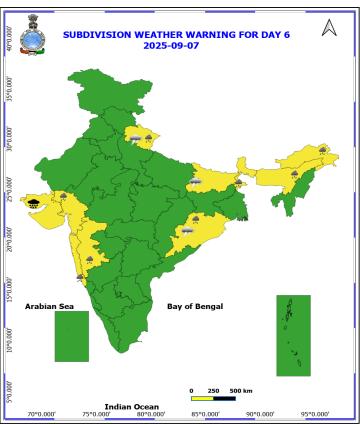
Squally wind with speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman coasts, many parts of westcentral Arabian sea, adjoining & some parts of southwest Arabian Sea.

Squally weather with wind speed reaching 40 - 50 kmph gusting to 60 kmph likely to prevail along and off Gujarat, Konkan, Goa coasts, and adjoining sea areas, many parts of eastcentral, adjoining & few parts of westcentral Arabian Sea, some parts of northeast, northwest Arabian Sea, over many parts of westcentral, southwest Bay of Bengal & adjoining areas of southeast Bay of Bengal, off Sri Lanka coast, over Gulf of Mannar.

Squally weather with wind speed reaching 45 - 55 kmph gusting to 65 kmph likely to prevail along and off north Konkan, Gujarat coasts and adjoining sea areas.





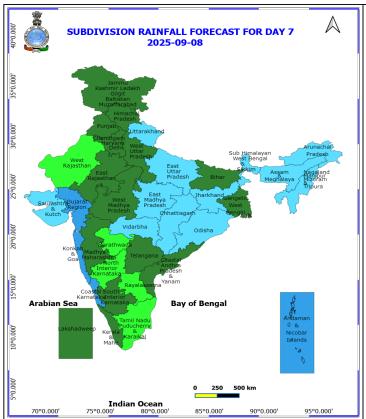


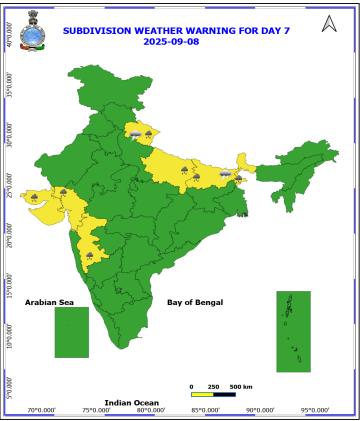
#### 7 September (Day 6)

- Heavy to Very Heavy Rainfall with isolated Extremely Heavy Rainfall likely at isolated places over Saurashtra & Kutch.
- ♦ Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Gujarat Region, Konkan & Goa, Madhya Maharashtra, Odisha, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- **❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar and Odisha.
- \* Thunderstorm accompanied with Lightning likely at isolated places over Uttarakhand.

No Fishermen Warning







#### 8 September (Day 7)

- ♦ Heavy Rainfall likely at isolated places over Bihar, East Uttar Pradesh, Gujarat State, Madhya Maharashtra, Sub Himalayan West Bengal & Sikkim and Uttarakhand.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar.
- **Thunderstorm accompanied with Lightning** likely at isolated places over Uttarakhand.

No Fishermen Warning



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### **Flash Flood Warnings**

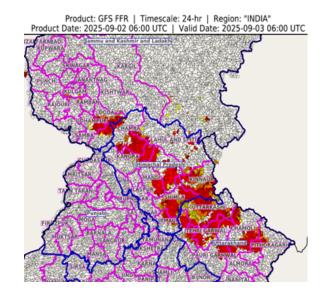
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 03-09-2025 :

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

Himachal Pradesh - Chamba, Kangra, Kinnaur, Kullu, Lahul&Spiti, Mandi, Shimla and Sirmaur districts.

Jammu & Kashmir & Ladakh - Anantnag, Doda, Kathua, Kistwar, Kulgam, Punch, Ramban, Riasi and Udhampur districts.

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



24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 03-09-2025 :

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

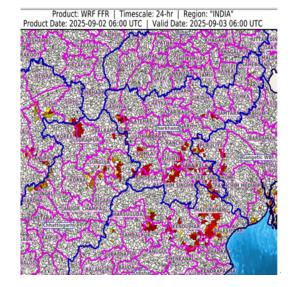
**Chhattisgarh** - Balarampur, Bilaspur, Jashpur, Kabirdham, Korba, Korea, Mungeli, Raigarh, Surajpur and Surguja districts.

**Odisha** - Baleshwar, Baragarh, Deogarh, Jajapur, Kendujhar, Mayurbhanj, Sambalpur and Sundargarh districts.

**Gangetic West Bengal** - Bankura, Eastmednipur, Pashchim Medinipur and Puruliya districts.

**Jharkhand** - Bokaro, Dhanbad, East Singhbhum, Garhwa, Giridih, Gumla, Khunti, Latehar, Lohardaga, Palamu, Ranchi, Saraikela, Simdega and West Singhbhum 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

S.No.   Subdivision   2- Sep   3- Sep   4- Sep   5- Sep   6- Sep   7- Sep   8- Sep   Day 1   Day 2   Day 3   Day 4   Day 5   Day 6   Day 7		1 Days Kallil	alli		-ca	οι			
1   ANDAMAN & NICOBAR ISLANDS	S.No.	Subdivision	2- Sep	3- Sep	4- Sep	5- Sep	6- Sep	7- Sep	8- Sep
1   ANDAMAN & NICOBAR ISLANDS									
1   ANDAMAN & NICOBAR ISLANDS			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
ASSAM & MEHGHALAYA	1	ANDAMAN & NICOBAR ISLANDS	WS	WS	FWS	FWS	WS	WS	WS
4         N. M. M. & T.         SCT         SCT         SCT         SCT         FWS         FWS         FWS         SCT         SCT         FWS         FWS <td< td=""><td>2</td><td>ARUNACHAL PRADESH</td><td>SCT</td><td>SCT</td><td>SCT</td><td>SCT</td><td>SCT</td><td>FWS</td><td>FWS</td></td<>	2	ARUNACHAL PRADESH	SCT	SCT	SCT	SCT	SCT	FWS	FWS
5         S.H. WEST BENGAL & SIKKIM         FWS         SCT	3	ASSAM & MEHGHALAYA	SCT	FWS	SCT	SCT	SCT	FWS	FWS
6         GANGETIC WEST BENGAL         WS         WS         FWS         FWS         SCT         SCT           7         ODISHA         WS         WS         FWS         FWS         SCT         FWS         FWS           8         JHARKHAND         WS         FWS         FWS         FWS         SCT         SCT         FWS           9         BIHAR         ISOL         ISOL         ISOL         ISOL         SCT         SCT         SCT           10         EAST UTTAR PRADESH         FWS         SCT         ISOL         ISOL         ISOL         ISOL         ISOL         ISOL         ISOL         ISOL         SCT         SCT         FWS	4	N. M. M. & T.	SCT	SCT	SCT	SCT	SCT	FWS	FWS
To   Doisha   Ws   Ws   Fws   Fws   Fws   Fws   Fws   B   HARKHAND   Ws   Fws   Fws   Fws   SCT   SCT   Fws   B   B   B   B   B   B   B   B   B	5	S.H. WEST BENGAL & SIKKIM	FWS	FWS	SCT	SCT	SCT	FWS	FWS
B	6	GANGETIC WEST BENGAL	WS	WS	FWS	FWS	SCT	SCT	SCT
9 BIHAR	7	ODISHA	WS	WS	FWS	FWS	SCT	FWS	FWS
10	8	JHARKHAND	WS	FWS	FWS	FWS	SCT	SCT	FWS
11   WEST UTTAR PRADESH	9	BIHAR	ISOL	ISOL	ISOL	ISOL	SCT	SCT	SCT
12 UTTARAKHAND	10	EAST UTTAR PRADESH	FWS	SCT	ISOL	ISOL	SCT	SCT	FWS
13   HARYANA, CHD & DELHI	11	WEST UTTAR PRADESH	FWS	FWS	SCT	ISOL	ISOL	ISOL	SCT
14         PUNJAB         WS         SCT         ISOL         ISOL         ISOL         SCT           15         HIMACHAL PRADESH         WS         FWS         SCT         SCT         SCT         SCT           16         JAMMU AND KASHMIR AND LADAKH         WS         WS         ISOL         ISOL         SCT         SCT           17         WEST RAJASTHAN         SCT         SCT         FWS         FWS         FWS         SCT         SCT           18         EAST RAJASTHAN         FWS         FWS         FWS         SCT         SCT         SCT           19         WEST MADHYA PRADESH         WS         WS         WS         FWS	12	UTTARAKHAND	WS	FWS	FWS	FWS	FWS	FWS	FWS
15         HIMACHAL PRADESH         WS         FWS         SCT	13	HARYANA, CHD & DELHI	WS	SCT	SCT	SCT	SCT	SCT	SCT
16         JAMMU AND KASHMIR AND LADAKH         WS         WS         ISOL         ISOL         SCT         SCT           17         WEST RAJASTHAN         SCT         SCT         FWS         FWS         FWS         SCT         ISOL           18         EAST RAJASTHAN         FWS         FWS         FWS         SCT         SCT         SCT           19         WEST MADHYA PRADESH         WS         WS         WS         FWS         FWS <t< td=""><td>14</td><td>PUNJAB</td><td>WS</td><td>SCT</td><td>ISOL</td><td>ISOL</td><td>ISOL</td><td>ISOL</td><td>SCT</td></t<>	14	PUNJAB	WS	SCT	ISOL	ISOL	ISOL	ISOL	SCT
17         WEST RAJASTHAN         SCT         SCT         FWS         FWS         SCT         ISOL           18         EAST RAJASTHAN         FWS         FWS         WS         FWS         SCT         SCT           19         WEST MADHYA PRADESH         WS         WS         WS         FWS         FWS         FWS         FWS           20         EAST MADHYA PRADESH         WS         WS         WS         FWS	15	HIMACHAL PRADESH	WS	FWS	SCT	SCT	SCT	SCT	SCT
18         EAST RAJASTHAN         FWS         FWS         WS         FWS         SCT         SCT           19         WEST MADHYA PRADESH         WS         WS         WS         FWS	16	JAMMU AND KASHMIR AND LADAKH	WS	WS	ISOL	ISOL	ISOL	SCT	SCT
19         WEST MADHYA PRADESH         WS         WS         FWS         SCT         SCT           20         EAST MADHYA PRADESH         WS         WS         WS         FWS         FWS         FWS           21         GUJRAT REGION         WS	17	WEST RAJASTHAN	SCT	SCT	FWS	FWS	FWS	SCT	ISOL
20         EAST MADHYA PRADESH         WS         WS         FWS         WS         FWS         WS         W	18	EAST RAJASTHAN	FWS	FWS	WS	WS	FWS	SCT	SCT
21         GUJRAT REGION         WS	19	WEST MADHYA PRADESH	WS	WS	WS	FWS	SCT	SCT	SCT
22 SAURASHTRA & KUTCH  23 KONKAN & GOA  24 MADHYA MAHARASHTRA  25 MARATHWADA  26 VIDARBHA  27 CHATTISGARH  28 COASTAL ANDHRA PRADESH  29 TELANGANA  30 RAYALASEEMA  31 TAMILNADU & PUDUCHERRY  32 COSTAL KARNATAKA  33 NORTH INTERIOR KARNATAKA  45 KERALA  56 SCT	20	EAST MADHYA PRADESH	WS	WS	WS	FWS	FWS	FWS	FWS
23KONKAN & GOAWSWSWSWSWS24MADHYA MAHARASHTRASCTFWSFWSFWSSCTSCTSCT25MARATHWADAFWSFWSFWSSCTISOLISOL26VIDARBHAWSWSWSFWSSCTSCTFWS27CHATTISGARHWSWSFWSSCTFWSFWSFWS28COASTAL ANDHRA PRADESHFWSFWSSCTSCTSCTSCT29TELANGANAFWSFWSSCTSCTSCTSCT30RAYALASEEMASCTSCTISOLISOLISOLISOL31TAMILNADU & PUDUCHERRYISOLISOLISOLISOLISOLISOL32COSTAL KARNATAKAWSWSWSWSWSWS33NORTH INTERIOR KARNATAKAFWSFWSSCTSCTSCTISOL34SOUTH INTERIOR KARNATAKAFWSSCTSCTISOLISOLSCT35KERALAFWSWSWSFWSFWSFWSSCT	21	GUJRAT REGION	WS						
24MADHYA MAHARASHTRASCTFWSFWSFWSSCTSCTSCT25MARATHWADAFWSFWSFWSSCTISOLISOL26VIDARBHAWSWSWSFWSSCTSCTFWS27CHATTISGARHWSWSFWSSCTFWSFWSFWSFWSFWSFWSFWSFWSFWSSCTISOL </td <td>22</td> <td>SAURASHTRA &amp; KUTCH</td> <td>SCT</td> <td>SCT</td> <td>FWS</td> <td>WS</td> <td>WS</td> <td>FWS</td> <td>FWS</td>	22	SAURASHTRA & KUTCH	SCT	SCT	FWS	WS	WS	FWS	FWS
25 MARATHWADA  26 VIDARBHA  27 CHATTISGARH  28 COASTAL ANDHRA PRADESH  29 TELANGANA  RAYALASEEMA  30 RAYALASEEMA  31 TAMILNADU & PUDUCHERRY  32 COSTAL KARNATAKA  33 NORTH INTERIOR KARNATAKA  34 SOUTH INTERIOR KARNATAKA  35 KERALA  SCT SWS FWS SCT SCT SCT SCT SCT SCT SCT SCT SCT SC	23	KONKAN & GOA	WS						
26VIDARBHAWSWSFWSSCTFWS27CHATTISGARHWSWSFWSSCTFWSFWS28COASTAL ANDHRA PRADESHFWSFWSSCTSCTSCTSCT29TELANGANAFWSFWSSCTSCTSCTSCT30RAYALASEEMASCTSCTISOLISOLISOLISOLISOL31TAMILNADU & PUDUCHERRYISOLISOLISOLISOLISOLISOL32COSTAL KARNATAKAWSWSWSWSWSWS33NORTH INTERIOR KARNATAKAFWSFWSSCTSCTSCTISOLISOL34SOUTH INTERIOR KARNATAKAFWSSCTSCTISOLISOLSCTSCT35KERALAFWSWSWSFWSFWSFWSFWSFWSFWSFWSFWS	24	MADHYA MAHARASHTRA	SCT	FWS	FWS	FWS	SCT	SCT	SCT
27 CHATTISGARH  28 COASTAL ANDHRA PRADESH  29 TELANGANA  RAYALASEEMA  30 RAYALASEEMA  31 TAMILNADU & PUDUCHERRY  32 COSTAL KARNATAKA  33 NORTH INTERIOR KARNATAKA  34 SOUTH INTERIOR KARNATAKA  35 KERALA  SCH	25	MARATHWADA	FWS	FWS	FWS	SCT	ISOL	ISOL	ISOL
28 COASTAL ANDHRA PRADESH  FWS FWS SCT SCT SCT SCT  29 TELANGANA  FWS FWS SCT SCT SCT SCT  30 RAYALASEEMA  SCT SCT ISOL ISOL ISOL ISOL ISOL ISOL  31 TAMILNADU & PUDUCHERRY  ISOL ISOL ISOL ISOL ISOL ISOL ISOL  32 COSTAL KARNATAKA  WS WS WS WS WS WS WS WS WS  33 NORTH INTERIOR KARNATAKA  FWS FWS SCT SCT SCT ISOL ISOL  34 SOUTH INTERIOR KARNATAKA  FWS SCT SCT SCT ISOL ISOL  SCT SCT SCT SCT SCT  SCT SCT SCT SCT  SCT SCT SCT  SCT SCT SCT  SCT SCT  SCT SCT  SCT SCT  SCT SCT  SCT SCT  SCT SCT  SCT	26	VIDARBHA	WS	WS	WS	FWS	SCT	SCT	FWS
29TELANGANAFWSFWSSCTSCTSCTSCT30RAYALASEEMASCTSCTISOLISOLISOLISOLISOL31TAMILNADU & PUDUCHERRYISOLISOLISOLISOLISOLISOLISOLISOL32COSTAL KARNATAKAWSWSWSWSWSWS33NORTH INTERIOR KARNATAKAFWSFWSSCTSCTSCTISOLISOL34SOUTH INTERIOR KARNATAKAFWSSCTSCTISOLISOLSCTSCT35KERALAFWSWSWSFWSFWSFWSSCT	27	CHATTISGARH	WS	WS	FWS	SCT	FWS	FWS	FWS
30 RAYALASEEMA SCT SCT ISOL ISOL ISOL ISOL ISOL ISOL ISOL ISOL	28	COASTAL ANDHRA PRADESH	FWS	FWS	SCT	SCT	SCT	SCT	SCT
31TAMILNADU & PUDUCHERRYISOLISOLISOLISOLISOLISOLISOLISOL32COSTAL KARNATAKAWSWSWSWSWS33NORTH INTERIOR KARNATAKAFWSFWSSCTSCTSCTISOL34SOUTH INTERIOR KARNATAKAFWSSCTSCTISOLISOLSCT35KERALAFWSWSWSFWSFWSSCT	29	TELANGANA		FWS	SCT		SCT	SCT	SCT
32COSTAL KARNATAKAWSWSWSWSWS33NORTH INTERIOR KARNATAKAFWSFWSSCTSCTSCTISOL34SOUTH INTERIOR KARNATAKAFWSSCTSCTISOLISOLSCT35KERALAFWSWSWSFWSFWSSCT	30	RAYALASEEMA							
33 NORTH INTERIOR KARNATAKA FWS FWS SCT SCT ISOL ISOL 34 SOUTH INTERIOR KARNATAKA FWS SCT SCT ISOL ISOL SCT SCT 35 KERALA FWS WS FWS FWS FWS SCT	31								
34 SOUTH INTERIOR KARNATAKA FWS SCT SCT ISOL ISOL SCT SCT 35 KERALA FWS WS FWS FWS FWS SCT	32								
35 KERALA FWS WS FWS FWS SCT	33		FWS	FWS	SCT		SCT		ISOL
	34			SCT	SCT		ISOL	SCT	SCT
36 LAKSHDWEEP SCT FWS FWS SCT SCT SCT									
	36	LAKSHDWEEP	SCT	FWS	FWS	SCT	SCT	SCT	SCT

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 2025-09-02

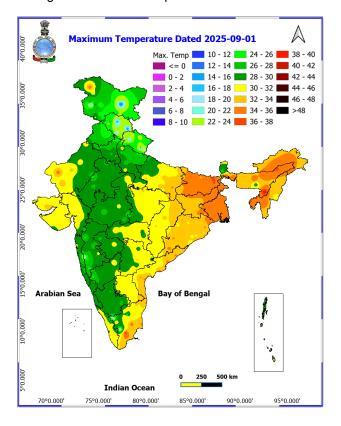


Fig. 3: Minimum Temperatures Dated 2025-09-02

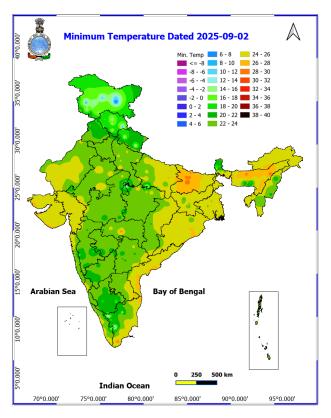


Fig. 2: Departure of Maximum Temp. Dated 2025-09-02

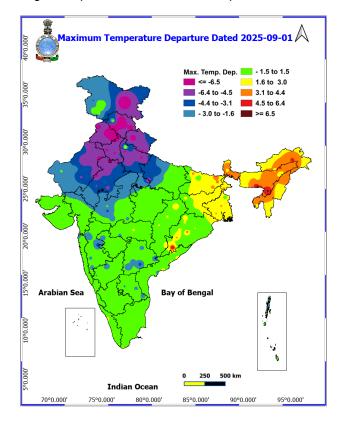
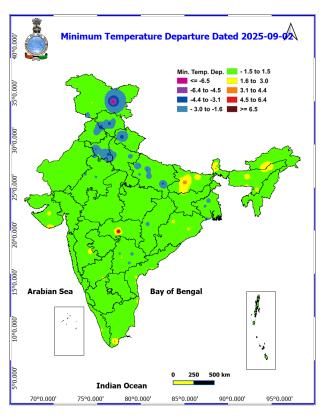
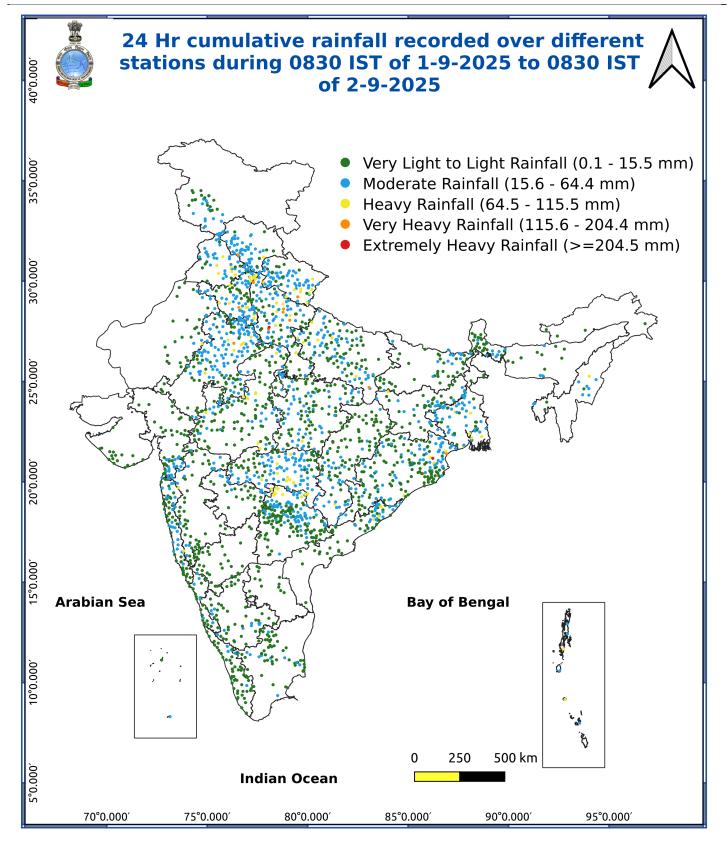


Fig. 4: Departure of Minimum Temp. Dated 2025-09-02









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#### Impact & Action Suggested due to

**Extremely heavy rainfall** at isolated places over Himachal Pradesh, Uttarakhand, Chhattisgarh & Odisha on 02<sup>nd</sup>; Gujarat Region during 04<sup>th</sup>-06<sup>th</sup>; Saurashtra & Kutch on 06<sup>th</sup> & 07<sup>th</sup> September.

**Very heavy rainfall** over Punjab, Haryana, Chandigarh, West Uttar Pradesh, Marathawada on  $02^{nd}$ ; Jammu-Kashmir, Vidarbha on  $02^{nd}$  &  $03^{rd}$ ; Konkan & Goa, Madhya Maharashtra during  $02^{nd}$ - $05^{th}$ ; East Madhya Pradesh, Chhattisgarh, Gujarat Region during  $03^{rd}$ ; East Rajasthan during  $03^{rd}$ - $05^{th}$ ; West Madhya Pradesh on  $03^{rd}$  &  $04^{th}$ ; West Rajasthan during  $04^{th}$ - $06^{th}$ ; Saurashtra & Kutch on  $05^{th}$  September.

#### 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 Odisha, make provision for draining out excess rain water from fields of finger millet, pulses, maize, groundnut and vegetables in North Eastern Plateau Zone; rice, maize and vegetables in West Central Table Land Zone; green gram, black gram, sugarcane, vegetables and fruit orchards in East and South Eastern Coastal Plain Zone; rice, black gram, green gram, pigeon pea, maize, groundnut and vegetables in Eastern Ghat High Land Zone and South Eastern Ghat Zone; rice, maize, black gram and vegetables in North Central Plateau Zone and rice, cotton, pigeon pea and maize in Western Undulating Zone.

In Chhattisgarh, ensure proper drainage in fields of rice, minor millets, maize, pulses and oilseeds in Bastar Plateau Zone and groundnut, black gram, soybean, pigeon pea and vegetables in Chattisgarh Plain Zone.

In Gujarat, make arrangements to drain out excess rain water from fields of rice, sugarcane, okra, tuber crops and



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

vegetables in South Gujarat Heavy Rainfall Zone; rice, cotton, sugarcane, pigeon pea and fruit orchards (banana and mango) in South Gujarat Zone and rice, pearl millet, pigeon pea, cotton, soybean, maize and castor in Middle Gujarat Zone.

In Maharashtra, make arrangements to drain out excess water from fields of rice, finger millet, turmeric, groundnut, vegetables and fruit orchards in Konkan; rice, maize, groundnut, soybean, vegetable fields and fruit orchards in *ghat* areas of Madhya Maharashtra and cotton, pigeon pea, soybean, vegetables and fruit orchards in Vidarbha.

In Uttarakhand, maintain proper drainage channels in fields of green gram, black gram, barnyard millet and finger millet in Sub Humid Sub Tropic Zone and rice, green gram, black gram, sugarcane, maize, groundnut, soybean, finger millet and vegetables in Bhabar and Tarai Zone. In Hill Zone, postpone sowing of vegetable pea and radish and provide proper drainage in fields of finger millet, kidney beans and vegetables.

In Himachal Pradesh, maintain proper drainage channels in ginger, turmeric and maize fields in Mid Hills Sub Humid Zone; rice, maize and vegetable fields in Sub Montane and Low Hills Sub Tropical Zone and rajmash, potato, barley and vegetable fields in High Hill Temperate Dry Zone. In High Hills Sub Temperate Wet Zone, postpone transplanting of cabbage and cauliflower. Cover the vegetable nursery and crop with ploy sheet and ensure adequate drainage in fields of maize, finger millet and vegetables to avoid water stagnation.

In Jammu and Kashmir, make arrangements todrain out excess rain water from fields of rice, maize, green gram and black gram in Sub Tropical Zone and maize, *kharif* pulses, rice and vegetables inIntermediate Zone.

In Punjab, make arrangements to drain out excess water from fields of cotton, maize and vegetables in Central Plain Zone; sugarcane, green gram and chilli in Undulating Plain Zone; green gram and soybean in Sub Montane Undulating Zone; cotton and maize in Western Zone and cotton and sugarcane in Western Plain Zone.

In Haryana, make arrangements to drain out excess water from fields of sugarcane, cotton, maize, pearl millet and vegetables in Eastern Zone and cotton, pearl millet, green gram and cluster bean in Western Zone.

In Uttar Pradesh, make proper arrangements for drainage of excess rain water in pigeon pea and vegetables fields in Western Plain Zone and maize, pulses and oilseed crops in South Western Semi Arid Zone.

In Rajasthan, make proper drainage arrangements in vegetable nurseries and fields of cotton, maize, soybean and pulses in Sub Humid Southern Plain and Aravali Hill Zone; vegetable nurseries and fields of standing crops such as pearl millet, black gram and sesame in Flood Prone Eastern Plain Zone; fields of groundnut, green gram, moth bean, cowpea, pearl millet, maize, sorghum and vegetables in Semi-Arid Eastern Plain Zone; vegetable nurseries and fields of pearl millet, green gram, groundnut, moth bean, cowpea and cluster beanin Transitional Plain Zone of Inland Drainage and fields of soybean, pigeon pea, black gram, groundnut and sesame in Southern Humid Plain Zone.

InMadhyaPradesh, provide adequate drainage in fields of soybean, maize and vegetables in Malwa Plateau Zone; maize, soybean, cotton, black gram and vegetables in Jhabua Hills Zone; maize, soybean, cotton and vegetables in Satpura Plateau Zone; soybean, cotton and vegetables in Nimar Valley Zone; maize, soybean, green gram, black gram, pigeon pea and vegetables in Gird Zone and soybean and vegetables in Vindhyan Plateau Zone.

In Telangana, drain out excess water from fields of rice, cotton, maize, soybean, pigeon pea, turmeric and vegetables in Northern Telangana Zone and rice, cotton, soybean, maize and pigeon pea in Southern Telangana Zone.

#### 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

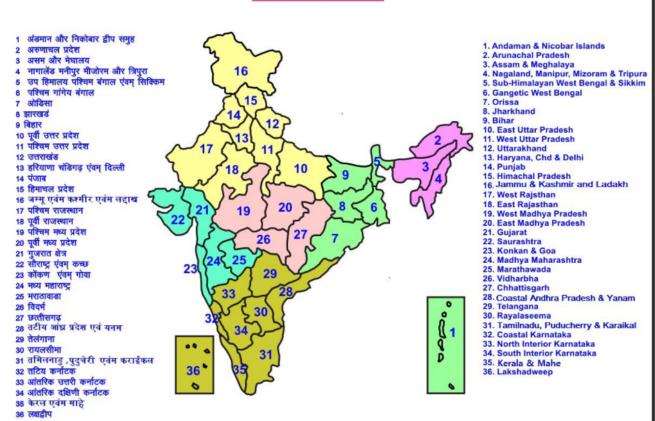


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Provide mechanical support to horticultural crops and staking or support to vegetables and young fruit plants / fruit-bearing plants to avoid lodging due to strong winds.



# **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

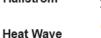




Extremely Heavy Rain 🗼 Heavy Snow



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) Phenomenal: Wind speed >117 kmph (32-117)	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) Phenomenal: Wind speed >117 kmph (32-117)	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)