



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

2025-07-11

Time of Issue: 19:44:00 hours IST

(Night)

ALL INDIA WEATHER SUMMARY AND FORECAST BULLETIN

Significant Weather Features

Weather Forecast and Warnings

Northwest India:

- Isolated **heavy rainfall** likely over East Rajasthan, Uttarakhand, Himachal Pradesh during 11th-17th; Jammu-Kashmir during 14th-17th; West Uttar Pradesh during 11th-15th; south Haryana on 11th; East Uttar Pradesh on 12th & 15th; West Rajasthan during 12th-16th July with **very heavy rainfall** over Uttar Pradesh on 11th; East Rajasthan during 11th-15th; Uttarakhand on 15th & 16th July.
- Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning likely over western Himalayan region and some/many places over the plains during next 7 days.

East & Central India:

- Isolated **heavy rainfall** very likely to continue over Madhya Pradesh during 11th-17th; Chhattisgarh during 11th-14th; Jharkhand during 11th-15th; Sub-Himalayan West Bengal & Sikkim during 13th-16th; Gangetic West Bengal on 14th; Odisha during 11th-16th; Bihar on 11th, 15th & 16th July with **very heavy rainfall** over Madhya Pradesh during 11th-14th July.
- Light/moderate rainfall at most/many places accompanied with accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likely over the region during next 7 days.

West India:

- **Heavy rainfall** likely at isolated places over Konkan & Goa on 11th & during 13th-15th; Gujarat Region during 12th-17th; Ghat areas of Madhya Maharashtra on 13th & 14th; Saurashtra on 13th July.
- Light/moderate rainfall at many/some places very likelyoverthe region during next 7 days.

Northeast India:

- Light/moderate rainfall at most places accompanied with **thunderstorm**, **lightning** likely to continue over Northeast India during next 7 days.
- Isolated **heavy rainfall** very likely over Assam & Meghalaya during 12th-17th; Mizoram & Tripura during 13th-15th; Arunachal Pradesh during 14th-17th July.

South Peninsular India:

- Isolated heavy rainfall likely over Coastal Karnataka, Kerala during 11th-17thand South Interior Karnataka & Tamil Nadu during 15th-17th July.
- Strong surface winds (speed reaching 40-50 kmph) very likely over South Peninsular India during next 3 days.
- Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Karnataka, Rayalaseema; isolated to scattered rainfall over Coastal Andhra Pradesh & Yanam, Telangana during next 7 days.

Hot & Humid weather Warnings:

 Hot & Humdi weather conditions very likely in isolated pockets of east Assam on 11th & 12th; Tamil Nadu, Coastal Andhra Pradesh & Yanam and Rayalaseema during 11th-13th July.



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Main Weather Observations:

- * Rainfall distribution (from 0830 hours IST to 1730 hours IST of today): at most places over Konkan & Goa , East Rajasthan, Kerala & Mahe, Coastal Karnataka, Jharkhand and Lakshadweep ; at many places over Odisha, Madhya Maharashtra , Sub-himalayan West Bengal & Sikkim, Tamilnadu Puducherry & Karaikal, Uttarakhand, Assam & Meghalaya, Himachal Pradesh, Haryana Chandigarh & Delhi, East Madhya Pradesh, West Uttar Pradesh, East Uttar Pradesh, Bihar, Gangetic West Bengal, Nagaland, Manipur, Mizoram & Tripura, Gujarat Region, West Madhya Pradesh, West Rajasthan, South Interior Karnataka, North Interior Karnataka, Chhattisgarh, Telangana, Marathawada, Saurashtra & Kutch, Vidarbha, Andaman & Nicobar Islands and Coastal Andhra Pradesh & Yanam; Dry over rest of the country.
- ♦ Significant rainfall recorded(in cm) (from 0830 hours IST to 1730 hours IST of today): East madhya pradesh: Sidhi (dist Sidhi) 16, Khajuraho (dist Chhatarpur) 6, Umaria (dist Umaria) 5, Rewa (dist Rewa) 4, Satna (dist Satna) 3; West rajasthan: Bikaner (dist Bikaner) 6; Jharkhand: Daltonganj (dist Palamu) 6; Konkan & goa: Matheran (dist Raigad) 5; Coastal karnataka: Honavar (dist Uttara Kannada) 3; Coastal andhra pradesh & yanam: Bapatla (dist Bapatla) 3.
- ♦ Heavy Rainfall observed (from 0830 hours IST to 1730 hours IST of today):Heavy to very heavy rain at isolated places over East Madhya Pradesh
- ♦ Minimum Temperature Departures (as on 11-07-2025): markedly above normal(> 5.1°C) at few places over Assam & Meghalaya; at isolated places over West Uttar Pradesh, Himachal Pradesh, West Madhya Pradesh and Saurashtra & Kutch. appreciably above normal(3.1°C to 5.0°C) at few places over East Madhya Pradesh and Lakshadweep; at isolated places over Nagaland, Manipur, Mizoram & Tripura, Sub Himalayan West Bengal & Sikkim, Odisha, Bihar, Gujarat Region and Rayalaseema. above normal(1.6°C to 3.0°C) at many places over Andaman & Nicobar Islands and Coastal Andhra Pradesh & Yanam; at few places over Konkan & Goa, Tamil Nadu, Puducherry & Karaikal and Kerala & Mahe; at isolated places over Gangetic West Bengal, East Uttar Pradesh and West Rajasthan. near normal(-1.5°C to 1.5°C) at many places over Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad and Telangana; at most places over Arunachal Pradesh, Jharkhand, Punjab, Madhya Maharashtra, Marathwada, Vidarbha, Chhattisgarh, Coastal Karnataka, North Interior Karnataka and South Interior Karnataka; at few places over Haryana-Chandigarh-Delhi and East Rajasthan. The lowest minimum temperature of 18.0°C is reported at KHARGONE-OBS (MADHYA PRADESH) over the Plains of India.
- * Maximum Temperature Departures (as on 11-07-2025): markedly above normal(> 5.1°C) at isolated places over Assam & Meghalaya and Coastal Andhra Pradesh & Yanam. appreciably above normal(3.1°C to 5.0°C) at few places over Arunachal Pradesh, Sub Himalayan West Bengal & Sikkim and Rayalaseema; at isolated places over Telangana and Tamil Nadu, Puducherry & Karaikal. above normal(1.6°C to 3.0°C) at many places over Nagaland, Manipur, Mizoram & Tripura and North Interior Karnataka; at few places over Odisha, West Uttar Pradesh, Uttarakhand, Jammu-KashmirLadakh-Gilgit-Baltistan-Muzaffarabad, Konkan & Goa, Chhattisgarh, Coastal Karnataka, Kerala & Mahe and Lakshadweep; at isolated places over Andaman & Nicobar Islands, Gangetic West Bengal, Bihar, East Uttar Pradesh, Himachal Pradesh, East Rajasthan, Gujarat Region, Madhya Maharashtra, Vidarbha and South Interior Karnataka. near normal(-1.5°C to 1.5°C) at many places over West Rajasthan; at most places over Punjab and Marathwada; at few places over Jharkhand and Saurashtra & Kutch; at isolated places over Haryana-Chandigarh-Delhi and West Madhya Pradesh. The highest maximum temperature of 41.2°C is reported at MADURAI (A) (TAMIL NADU).



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Meteorological Analysis (Based on 1730 hours IST)

The Cyclonic circulation over north Chhattisgarh and neighbourhood extending upto 5.8 km above mean sea level persists.

The monsoon trough at mean sea level passes through Bikaner, Sikar, Shivpuri, Siddhi, Jamshedpur, Contai and thence southeastwards to northeast Bay of Bengal.

The upper air cyclonic circulation over Haryana & neighbourhood now lies over Punjab & neighbourhood between 1.5 & 3.1 km above mean sea level.

The trough from southwest Uttar Pradesh to northwest Bay of Bengal across the cyclonic circulation over north Chhattisgarh & neighbourhood, north Odisha between 0.9 & 1.5 km above mean sea level persists.

The trough from northeast Arabian Sea to the cyclonic circulation over north Chhattisgarh & neighbourhood across south Gujarat Region, north Madhya Maharashtra, south Madhya Pradesh at 5.8 km above mean sea level persists.

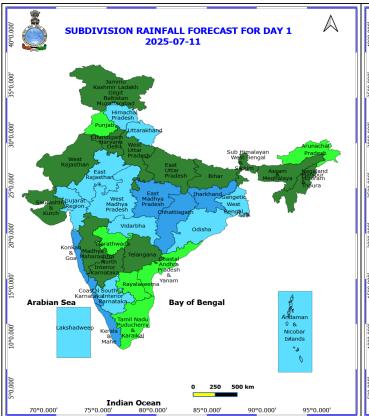
The upper air cyclonic circulation over northeast Assam at 1.5 km above mean sea level persists.

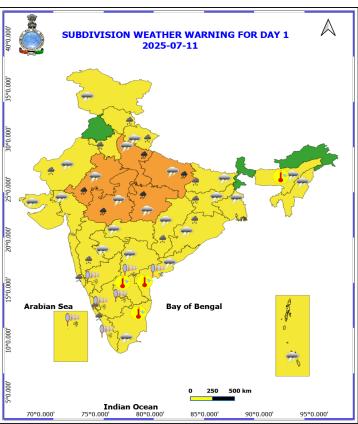
The Western Disturbance as a trough in middle & upper tropospheric levels with its axis at 5.8 km above mean sea level roughly along Long. 75°E to the north of Lat. 32°N persists.

Weather Outlook for subsequent 3 days

- Fairly widespread to widespread rainfall very likely over East, Northeast & South Peninsular India, Himachal Pradesh, Uttarahand, Uttar Pradesh and Islands.
- · Isolated to Scattered rainfall very likely over rest parts of the country.







11 July (Day 1)

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

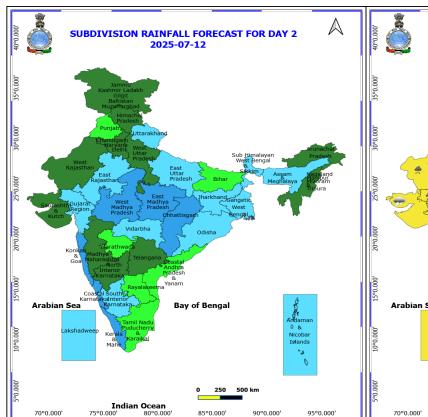
Squally wind speed reaching 45 kmph to 55 kmph gusting to 65 kmph is likely to prevail along and off Somalia, Oman & adjoining Yemen coasts, most parts of westcentral Arabian Sea & adjoining, some parts of eastcentral Arabian Sea, northern parts of southwest Arabian Sea, southern parts of northwest Arabian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

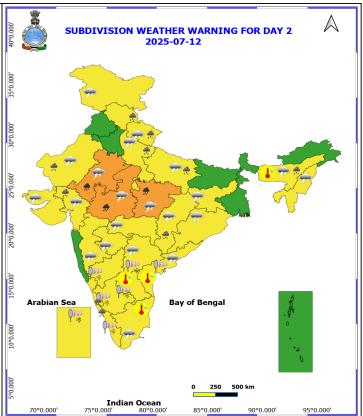


National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over some parts of eastcentral, southeast & southwest Arabian Sea, over many parts of westcentral Bay of Bengal & adjoining parts of southwest Bay of Bengal, some southern parts of southwest & adjoining southeast Bay of Bengal.







12 July (Day 2)

- Heavy to Very Heavy Rainfall very likely at isolated places over East Rajasthan and Madhya Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Kerala & Mahe, Uttar Pradesh, Uttarakhand and West Rajasthan.
- ❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha, West Madhya Pradesh and West Rajasthan.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Madhya Pradesh, East Rajasthan, Gujarat State, Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Tamil Nadu Puducherry & Karaikal, Telangana, Uttar Pradesh and Uttarakhand.
- ❖ Strong Surface Winds very likely at isolated places over Andhra Pradesh, Interior Karnataka, Kerala & Mahe, Lakshadweep and Telangana.
- ♦ Hot and Humid weather very likely at isolated places over Andhra Pradesh, Assam & Meghalaya and Tamil Nadu Puducherry & Karaikal.

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

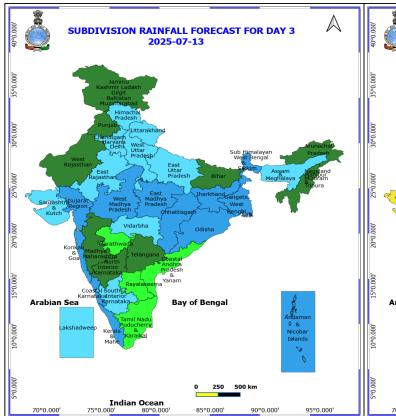
Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea and few southern parts of north Arabian Sea, northern parts of south Arabian Sea, Comorin area, over

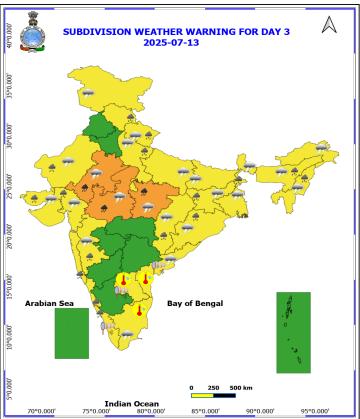


National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

some parts of westcentral and adjoining parts of southwest Bay of Bengal, some southern parts of south Bay of Bengal.







13 July (Day 3)

- Heavy to Very Heavy Rainfall very likely at isolated places over East Rajasthan and Madhya Pradesh.
- ♦ Heavy Rainfall very likely at isolated places over Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, Gujarat State, Himachal Pradesh, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Sub Himalayan West Bengal & Sikkim, Uttarakhand, West Rajasthan and West Uttar Pradesh.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) very likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha and West Rajasthan.
- ♦ Thunderstorm accompanied with Lightning very likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Gujarat State, Madhya Maharashtra, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh and Uttarakhand.
- Strong Surface Winds very likely at isolated places over Andhra Pradesh and Kerala & Mahe.
- ♦ Hot and Humid weather very likely at isolated places over Andhra Pradesh and Tamil Nadu Puducherry & Karaikal.

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

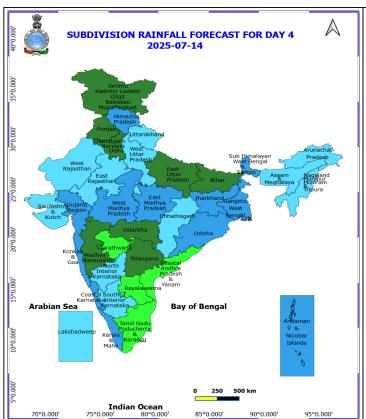
Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral

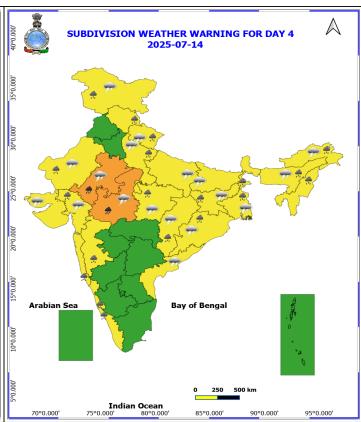


National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Arabian Sea and few southern parts of north Arabian Sea, along and off Konkan coast, Comorin area, over some parts of westcentral Bay of Bengal, few parts of eastcentral Bay of Bengal, many parts of southwest Bay of Bengal, some southern parts of south Bay of Bengal.







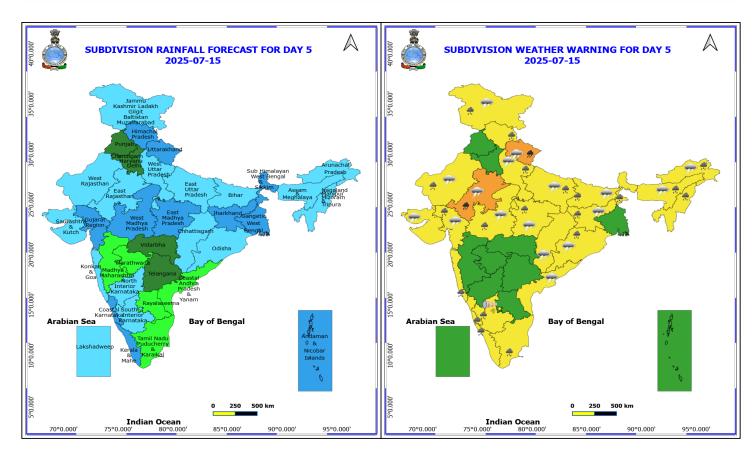
14 July (Day 4)

- Heavy to Very Heavy Rainfall likely at isolated places over East Rajasthan and West Madhya Pradesh.
- **Heavy Rainfall** likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Karnataka, East Madhya Pradesh, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Maharashtra, Nagaland, Manipur, Mizoram and Tripura, Odisha, Uttarakhand, West Bengal & Sikkim, West Rajasthan and West Uttar Pradesh.
- ♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph) likely at isolated places over Bihar, Gangetic West Bengal, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha and West Rajasthan.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Gujarat State, Madhya Pradesh, Uttar Pradesh and Uttarakhand.

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

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea and few southern parts of north Arabian Sea, along and off Konkan coast, Comorin area, over some parts of westcentral Bay of Bengal, some parts of southwest Bay of Bengal, some southern parts of south Bay of Bengal.





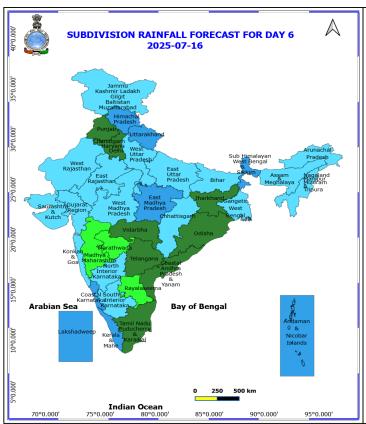
15 July (Day 5)

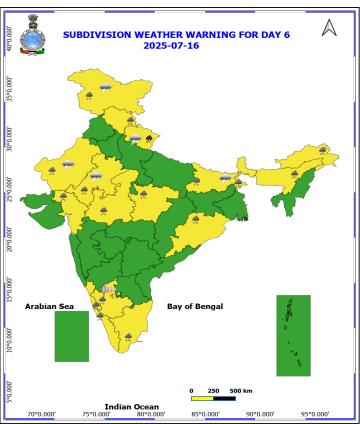
- Heavy to Very Heavy Rainfall likely at isolated places over East Rajasthan and Uttarakhand.
- Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand,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

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

Squally weather with wind speed 40 - 50 kmph gusting to 60 kmph likely to prevail over many parts of eastcentral Arabian Sea and few southern parts of north Arabian Sea, off south Gujarat, Konkan coasts, over some parts of westcentral Bay of Bengal, some parts of southwest Bay of Bengal, some southern parts of south Bay of Bengal.





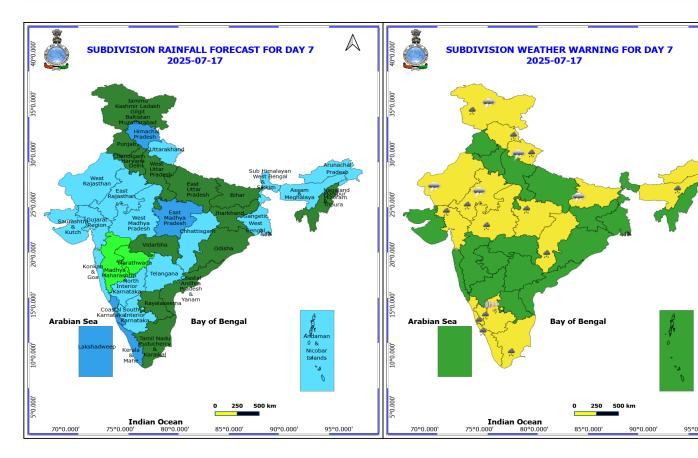


16 July (Day 6)

- Heavy to Very Heavy Rainfall likely at isolated places over Uttarakhand.
- Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Kerala & Mahe, Madhya Pradesh, Odisha, Rajasthan, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim and Tamil Nadu Puducherry & Karaikal.
- **❖ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad and West Rajasthan.
- Thunderstorm accompanied with Lightning likely at isolated places over East Rajasthan and Uttarakhand.
- ❖ Strong Surface Winds likely at isolated places over South Interior Karnataka.

No Fishermen Warning





17 July (Day 7)

- Heavy to Very Heavy Rainfall likely at isolated places over East Rajasthan and Uttarakhand.
- Heavy Rainfall likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Bihar, Coastal Karnataka, Gujarat Region, Himachal Pradesh, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Kerala & Mahe, Konkan & Goa, Madhya Pradesh, Nagaland, Manipur, Mizoram and Tripura, Odisha, South Interior Karnataka, Sub Himalayan West Bengal & Sikkim, Tamil Nadu Puducherry & Karaikal, Uttar Pradesh and West Rajasthan.
- **♦ Thunderstorm accompanied with lightning & gusty winds(30-40kmph)** likely at isolated places over Bihar, Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Jharkhand, Odisha and West Rajasthan.
- ♦ Thunderstorm accompanied with Lightning likely at isolated places over Arunachal Pradesh, Assam & Meghalaya, Chhattisgarh, Coastal Andhra Pradesh, East Rajasthan, Gujarat State, Madhya Pradesh, Uttar Pradesh and Uttarakhand.
- **Strong Surface Winds** likely at isolated places over South Interior Karnataka.

No Fishermen Warning



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

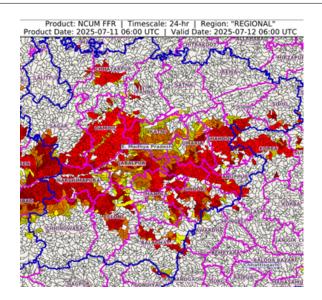
Flash Flood Warnings

24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 12-07-2025 :

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

East Madhya Pradesh - Anuppur, Balaghat, Chhindwara, Damoh, Dindori, Jabalpur, Katni, Mandla, Narshimapura, Sagar, Satna, Seoni, Shahdol, Sidhi and Umaria 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.



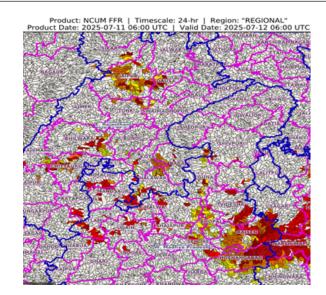
24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 12-07-2025 :

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

East Rajasthan - Baran, Bhilwara, Bundi, Chittaurgarh, Dausa, Jaipur, Jhalawar, Kota, Pratapgarh, Rajsmand, Sikar, Swaimadhopur, Tonk and Udaipur districts.

West Madhya Pradesh - Agar-Malwa, Ashoknagar, Betul, Bhopal, Guna, Raisen, Rajgarh, Sehore, Sheopur, Shivpuri, Ujjain, Videsha, Mandsaur, Nimach and Hoshangabad 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.



24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 12-07-2025 :

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

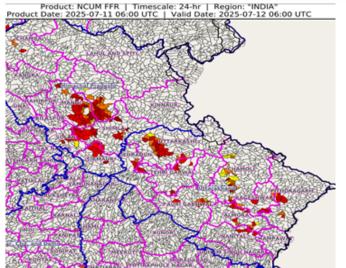
Himachal Pradesh - Chamba, Kullu, Mandi, Shimla, Sirmaur and Solan districts.



National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

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

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





National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Table-1

7 Day	s Raint				
Subdivision		14 Iul	12 Iul	12 111 11	1

S.No. Subdivision		1 Dayo Raiiii	a		5 G G				
1 ANDAMAN & NICOBAR ISLANDS	S.No.	Subdivision	11- Jul	12- Jul	13- Jul	14- Jul	15- Jul	16- Jul	17- Jul
2			Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
3 ASSAM & MEHGHALAYA	1	ANDAMAN & NICOBAR ISLANDS	FWS	FWS	WS	WS	WS	WS	FWS
4 N. M. M. & T. SCT SCT FWS FWS FWS SCT 5 S.H. WEST BENGAL & SIKKIM SCT FWS WS WS WS FWS SCT SCT </td <td>2</td> <td>ARUNACHAL PRADESH</td> <td>ISOL</td> <td>SCT</td> <td>SCT</td> <td>FWS</td> <td>FWS</td> <td>FWS</td> <td>FWS</td>	2	ARUNACHAL PRADESH	ISOL	SCT	SCT	FWS	FWS	FWS	FWS
5 S.H. WEST BENGAL & SIKKIM SCT FWS WS WS FWS SCT	3	ASSAM & MEHGHALAYA	SCT	FWS	FWS	FWS	FWS	FWS	FWS
6 GANGETIC WEST BENGAL FWS FWS FWS WS WS FWS FWS 7 ODISHA FWS FWS WS WS FWS SCT SCT 8 JHARKHAND WS FWS FWS WS WS SCT SCT 9 BIHAR SCT ISOL SCT SCT FWS FWS SCT SCT FWS FWS SCT SCT SCT <td< td=""><td>4</td><td>N. M. M. & T.</td><td>SCT</td><td>SCT</td><td>SCT</td><td>FWS</td><td>FWS</td><td>FWS</td><td>SCT</td></td<>	4	N. M. M. & T.	SCT	SCT	SCT	FWS	FWS	FWS	SCT
7 ODISHA FWS FWS WS WS SCT SCT 8 JHARKHAND WS FWS WS WS SCT SCT 9 BIHAR SCT ISOL SCT FWS FWS SCT 10 EAST UTTAR PRADESH SCT FWS FWS FWS FWS FWS FWS SCT 11 WEST UTTAR PRADESH SCT SCT FWS FWS FWS FWS FWS SCT FWS SCT FWS FWS FWS SCT FWS SCT TWS FWS SCT FWS SCT	5	S.H. WEST BENGAL & SIKKIM	SCT	FWS	WS	WS	WS	WS	FWS
8 JHARKHAND WS FWS WS SCT SCT 9 BIHAR SCT ISOL SCT FWS FWS SCT 10 EAST UTTAR PRADESH SCT FWS FWS FWS SCT 11 WEST UTTAR PRADESH SCT SCT FWS FWS FWS SCT 12 UTTARAKHAND FWS FWS FWS FWS FWS SCT 13 HARYANA, CHD & DELHI SCT SCT FWS SCT SCT </td <td>6</td> <td>GANGETIC WEST BENGAL</td> <td>FWS</td> <td>FWS</td> <td>WS</td> <td>WS</td> <td>WS</td> <td>FWS</td> <td>FWS</td>	6	GANGETIC WEST BENGAL	FWS	FWS	WS	WS	WS	FWS	FWS
9 BIHAR	7	ODISHA	FWS	FWS	WS	WS	FWS	SCT	SCT
10	8	JHARKHAND	WS	FWS	WS	WS	WS	SCT	SCT
11 WEST UTTAR PRADESH SCT FWS	9	BIHAR	SCT	ISOL	SCT	SCT	FWS	FWS	SCT
12 UTTARAKHAND FWS FWS FWS FWS WS WS FWS 13 HARYANA, CHD & DELHI SCT	10	EAST UTTAR PRADESH	SCT	FWS	FWS	SCT	FWS	FWS	SCT
13 HARYANA, CHD & DELHI SCT SCT FWS SCT	11	WEST UTTAR PRADESH	SCT	SCT	FWS	FWS	FWS	FWS	SCT
14 PUNJAB ISOL ISOL SCT	12	UTTARAKHAND	FWS	FWS	FWS	FWS	WS	WS	FWS
15 HIMACHAL PRADESH FWS SCT FWS WS WS WS 16 JAMMU AND KASHMIR AND LADAKH SCT SCT SCT SCT FWS FWS FWS SCT SCT SCT SCT SCT SCT FWS <	13	HARYANA, CHD & DELHI	SCT	SCT	FWS	SCT	SCT	SCT	SCT
16 JAMMU AND KASHMIR AND LADAKH SCT SCT SCT FWS FWS<	14	PUNJAB	ISOL	ISOL	SCT	SCT	SCT	SCT	SCT
17 WEST RAJASTHAN SCT SCT FWS <	15	HIMACHAL PRADESH	FWS	SCT	FWS	WS	WS	WS	WS
18 EAST RAJASTHAN FWS <	16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	SCT	SCT	FWS	FWS	SCT
19 WEST MADHYA PRADESH FWS WS WS WS FWS FWS 20 EAST MADHYA PRADESH WS FWS FWS <t< td=""><td>17</td><td>WEST RAJASTHAN</td><td>SCT</td><td>SCT</td><td>SCT</td><td>FWS</td><td>FWS</td><td>FWS</td><td>FWS</td></t<>	17	WEST RAJASTHAN	SCT	SCT	SCT	FWS	FWS	FWS	FWS
20 EAST MADHYA PRADESH WS PWS FWS FWS<	18	EAST RAJASTHAN	FWS	FWS	FWS	FWS	FWS	FWS	FWS
21 GUJRAT REGION FWS FWS WS WS FWS FWS FWS EWS 22 SAURASHTRA & KUTCH SCT SCT FWS FWS FWS FWS FWS EWS EWS EWS EWS EWS EWS EWS EWS EWS E	19	WEST MADHYA PRADESH	FWS	WS	WS	WS	WS	FWS	FWS
22 SAURASHTRA & KUTCH 23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 28 KONKAN & GOA 39 WS WS WS FWS FWS FWS 30 RAYALASE FWA 31 SOUTH INTERIOR KARNATAKA 30 KARNATAKA 31 SOUTH INTERIOR KARNATAKA 32 KONKAN & GOA 33 WS WS WS FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA 35 KERALA 36 WS WS WS WS FWS 37 SCT SCT SCT SCT SCT 38 WS WS WS WS WS 38 WS WS WS WS 39 WS WS WS WS 40 WS WS WS 41 WS WS WS 42 WS WS WS 43 WS WS WS 44 WS WS WS 45 WS WS 46 WS 47 WS WS 48 WS WS 48	20	EAST MADHYA PRADESH	WS	WS	WS	WS	WS	WS	WS
23 KONKAN & GOA 24 MADHYA MAHARASHTRA 25 MARATHWADA 26 VIDARBHA 27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 26 WS WS WS WS FWS FWS FWS FWS FWS 30 KAYALASE FWA 31 SCT	21	GUJRAT REGION	FWS	FWS	WS	WS	WS	FWS	FWS
24 MADHYA MAHARASHTRA 25 MARATHWADA ISOL ISOL ISOL ISOL ISOL ISOL ISOL 26 VIDARBHA FWS FWS FWS SCT SCT SCT SCT 27 CHATTISGARH WS WS WS FWS FWS FWS FWS FWS 28 COASTAL ANDHRA PRADESH ISOL ISOL ISOL ISOL ISOL ISOL SCT SCT 29 TELANGANA SCT SCT SCT SCT SCT SCT 30 RAYALASEEMA ISOL ISOL ISOL ISOL ISOL ISOL ISOL SCL SCT 31 TAMILNADU & PUDUCHERRY ISOL ISOL ISOL ISOL ISOL ISOL ISOL SCT SCT 32 COSTAL KARNATAKA WS WS WS WS WS WS WS WS WS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS SWS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS	22	SAURASHTRA & KUTCH	SCT	SCT	FWS	FWS	FWS	FWS	FWS
25 MARATHWADA 1SOL ISOL ISOL ISOL ISOL ISOL ISOL 26 VIDARBHA FWS FWS FWS SCT SCT SCT 27 CHATTISGARH WS WS WS FWS FWS FWS FWS 28 COASTAL ANDHRA PRADESH 1SOL ISOL ISOL ISOL ISOL ISOL SCT 29 TELANGANA SCT SCT SCT SCT SCT SCT FWS 30 RAYALASEEMA 1SOL ISOL ISOL ISOL ISOL ISOL ISOL SCT 31 TAMILNADU & PUDUCHERRY ISOL ISOL ISOL ISOL ISOL ISOL SCT 32 COSTAL KARNATAKA WS WS WS WS WS WS WS WS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS SVS WS WS WS WS SVS WS WS WS SVS WS WS WS SVS WS WS SVS WS WS SVS WS WS SVS WS SV	23	KONKAN & GOA	WS	WS	WS	WS	FWS	FWS	FWS
26 VIDARBHA FWS FWS FWS SCT SCT SCT 27 CHATTISGARH WS WS WS FWS FWS FWS FWS 28 COASTAL ANDHRA PRADESH ISOL ISOL ISOL ISOL ISOL SCT SCT 29 TELANGANA SCT SCT SCT SCT SCT SCT SCT 30 RAYALASEEMA ISOL ISOL ISOL ISOL ISOL ISOL ISOL SCT 31 TAMILNADU & PUDUCHERRY ISOL ISOL ISOL ISOL ISOL ISOL SCT 32 COSTAL KARNATAKA WS WS WS WS WS WS WS WS 33 NORTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS WS	24	MADHYA MAHARASHTRA	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
27 CHATTISGARH 28 COASTAL ANDHRA PRADESH 29 TELANGANA 30 RAYALASEEMA 31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA WS W	25	MARATHWADA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
28 COASTAL ANDHRA PRADESH 29 TELANGANA SCT SCT SCT SCT SCT SCT SCT FWS 30 RAYALASEEMA ISOL ISOL ISOL ISOL ISOL ISOL ISOL SCT 31 TAMILNADU & PUDUCHERRY ISOL ISOL ISOL ISOL ISOL ISOL SCT 32 COSTAL KARNATAKA WS WS WS WS WS WS WS WS 33 NORTH INTERIOR KARNATAKA SCT SCT SCT FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS 55 KERALA WS WS WS WS WS WS WS	26	VIDARBHA	FWS	FWS	FWS	SCT	SCT	SCT	SCT
29 TELANGANA SCT SCT SCT SCT SCT FWS 30 RAYALASEEMA ISOL ISOL ISOL ISOL ISOL ISOL SCT 31 TAMILNADU & PUDUCHERRY ISOL ISOL ISOL ISOL ISOL SCT 32 COSTAL KARNATAKA WS WS WS WS WS WS WS 33 NORTH INTERIOR KARNATAKA SCT SCT SCT FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS 35 KERALA WS WS WS WS WS WS WS WS	27	CHATTISGARH	WS	WS	WS	FWS	FWS	FWS	FWS
30 RAYALASEEMA ISOL ISOL ISOL ISOL ISOL SCT 31 TAMILNADU & PUDUCHERRY ISOL ISOL ISOL ISOL SCT SCT 32 COSTAL KARNATAKA WS WS WS WS WS WS WS 33 NORTH INTERIOR KARNATAKA SCT SCT SCT FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS 35 KERALA WS WS WS WS WS WS WS	28	COASTAL ANDHRA PRADESH	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
31 TAMILNADU & PUDUCHERRY 32 COSTAL KARNATAKA 33 NORTH INTERIOR KARNATAKA 34 SOUTH INTERIOR KARNATAKA 35 KERALA 31 ISOL ISOL ISOL ISOL SCT	29	TELANGANA	SCT	SCT	SCT	SCT	SCT	SCT	FWS
32COSTAL KARNATAKAWSWSWSWSWS33NORTH INTERIOR KARNATAKASCTSCTSCTFWSFWSFWS34SOUTH INTERIOR KARNATAKAFWSFWSFWSFWSFWSFWSFWS35KERALAWSWSWSWSWSWS	30	RAYALASEEMA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	SCT
33 NORTH INTERIOR KARNATAKA SCT SCT SCT FWS FWS FWS 34 SOUTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS WS WS WS WS WS WS WS WS WS WS	31	TAMILNADU & PUDUCHERRY	ISOL	ISOL	ISOL	ISOL	ISOL	SCT	SCT
34 SOUTH INTERIOR KARNATAKA FWS FWS FWS FWS FWS FWS SWS WS	32	COSTAL KARNATAKA	WS	WS	WS	WS	WS	WS	WS
35 KERALA WS WS WS WS WS WS WS	33	NORTH INTERIOR KARNATAKA	SCT	SCT	SCT	FWS	FWS	FWS	FWS
	34	SOUTH INTERIOR KARNATAKA	FWS	FWS	FWS	FWS	FWS	FWS	FWS
36 LAKSHDWEEP FWS FWS FWS FWS WS WS	35	KERALA	WS	WS	WS	WS	WS	WS	WS
	36	LAKSHDWEEP	FWS	FWS	FWS	FWS	FWS	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	

Fig. 1: Maximum Temperatures Dated 2025-07-11

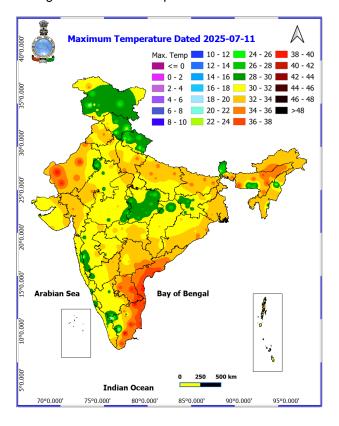


Fig. 3: Minimum Temperatures Dated 2025-07-11

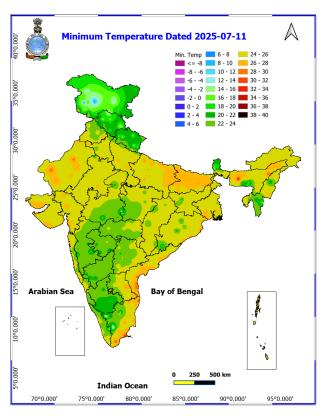


Fig. 2: Departure of Maximum Temp. Dated 2025-07-11

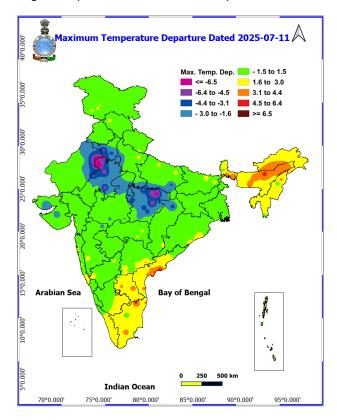
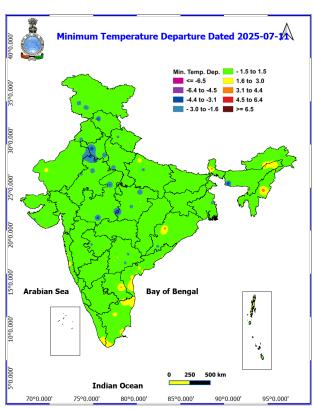
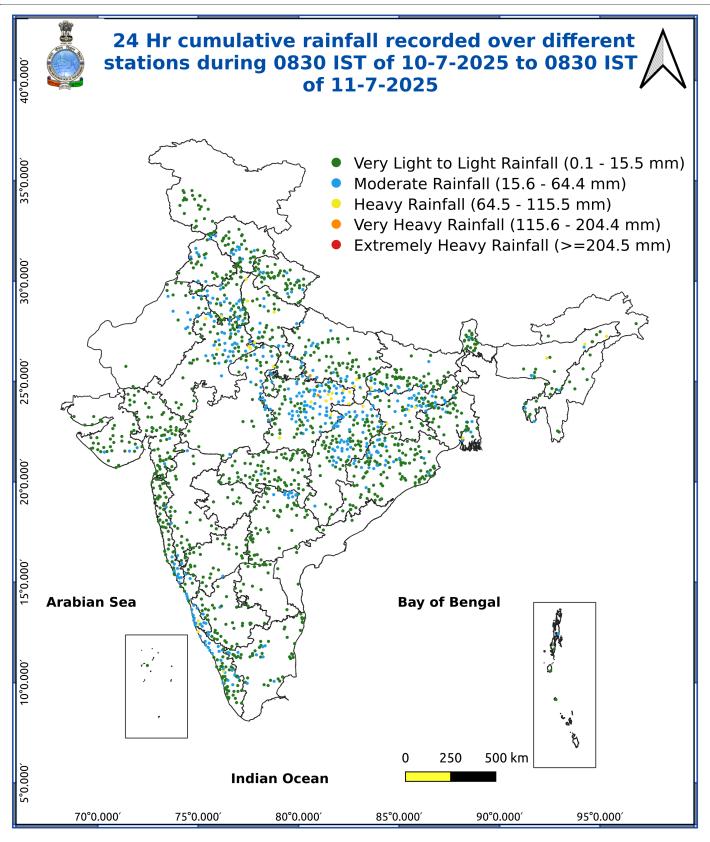


Fig. 4: Departure of Minimum Temp. Dated 2025-07-11









National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

Impact & Action Suggested

• **Very heavy rainfall** over Uttar Pradesh on 11th; East Rajasthan during 11th-15th; Madhya Pradesh during 11th-14th; Uttarakhand on 15th & 16th July.

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

- In **Gird Zone** of **Madhya Pradesh**, postpone sowing of soybean and pearlmillet and drain out excess water from already sown fields. In **Satpura Plateau zone**, make arrangements for proper drainage in the fields of maize, soybean and vegetables. Protect vegetable nurseries with green net or any other medium. In **Kymore Plateau and Satpura Hill Zone**, drain out excess water from vegetables.
- In **Chhattisgarh**, ensure proper drainage in rice nurseries and fields of rice, maize, pigeon pea, minor millets and vegetables.
- In **Mid Hills Sub Humid Zone** of **Himachal Pradesh**, provide support to the cucumber vines and maintain proper drainage in vegetable and maize fields. In **Sub Montane and Low Hills Sub Tropical Zone**, ensure proper drainage in maize fields to avoid water logging.
- In **Uttarakhand**, ensure proper drainage facilities in soybean, maize, barnyard millet, finger millet, pigeon pea, kidney beans, vegetables and orchards. Harvest matured vegetables and fruits and store in safe place.
- In **South Western Semi-Arid Zone** of **West Uttar Pradesh**, make proper arrangements to drain out excess water from the fields of paddy, spring sugarcane, pigeon pea, maize and vegetables.
- In **Southeastern Humid Plain Zone** of **East Rajasthan**, make provision to drain out excess water from rice nurseries and fields of maize, soybean and black gram. In **Flood Prone Eastern Plain Zone**, postpone sowing / re- sowing of sesame, green gram and pearl millet during heavy rains.
- In **Jharkhand**, makenecessary arrangements to drain out excess water from maize fields, rice and vegetable nurseries. Cover the vegetable nurseries with polythene sheets.

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

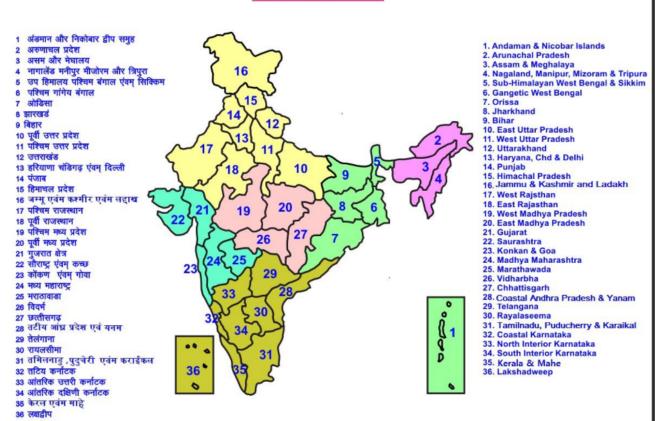


National Weather Forecasting Centre Indian Meteorological Department Ministry of Earth Sciences

• 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

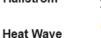




Extremely Heavy Rain 🗼 Heavy Snow



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
- / -	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 De Severe Heat Wave: Maximum Tempera	
Į+	(b). Based on Actual maximum ten	
Heat Wave	Heat Wave: When actual maximum tem	
	Severe Heat Wave: When actual maxin	71 V 1 V 1 V 1 V 1
	 (c). Criteria for heat wave for coas When maximum temperature departure temperature ≥37°C 	stal stations is >4.5°C from normal. Heat Wave may be described provided ma
8.	When maximum temperature rem	
Varm Night	Warm Night: When minimum temperatu	
3	Severe Warm Night: When minimum to	emperature departure >0.4 °C.
	(a). Based on departure	a station ≤10°C for plains and ≤0°C for hilly regions
	Cold Wave: Minimum Temperature Dep Severe Cold Wave: Minimum Temperat	
Ų-	(b) Based on actual Minimum Ten	
Cold Wave	Cold Wave : When Minimum Temperatu	
	Severe Cold Wave: When Minimum Te	emperature is ≤ 2.0 °C
	(c) For Coastal Stations	e is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C
n		station ≤10°C for plains and ≤0°C for hilly regions
Cold Dow	Cold Day: Maximum Temperature Depart	arture from normal -4.5 °C to -6.4 °C.
Cold Day	Severe Cold Day: Maximum Temperatu	ure Departure from normal ≤ -6.5 °C
	Phenomenon of small droplet	s suspended in air and the horizontal visibility <
0	Moderate Fog: When the visibility betw	
Fog	Very Dense Fog: when the visibility between Very Dense Fog: when the visibility < 5	
7 -	Sudden electrical discharges man	
**************************************	sound (thunder)	ifested by a flash of light (Lightning) and a sharp rumbl
nunderstorm Dust/Sand Storm	sound (thunder)	ifested by a flash of light (Lightning) and a sharp rumbl
Dust/Sand	An ensemble of particles of dust of	
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind.	
Dust/Sand	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd	
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph	or sand energetically lifted to great heights by a strong
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd	or sand energetically lifted to great heights by a strong
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph	or sand energetically lifted to great heights by a strong a
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature ≤4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea	or sand energetically lifted to great heights by a strong a
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground 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-High to very high: Wind speed 63-117	denly, lasts for atleast 1 minute. a over specific area -62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre
Dust/Sand Storm	An ensemble of particles of dust of turbulent wind. Ice deposits on ground 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-	denly, lasts for atleast 1 minute. a over specific area -62 kmph (22-33 knots) & Wave height 2.5-6 metre kmph (34-63 knots) & Wave height 6-14 metre
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground 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-High to very high: Wind speed 63-117	denly, lasts for atleast 1 minute. a 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
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground 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-High to very high: Wind speed 63-117 Phenomenal: Wind speed >117 kmph (Cyclonic Storm: Wind speed 62-87 km Severe Cyclonic Storm: Wind speed 83-117	denly, lasts for atleast 1 minute.
Dust/Sand Storm Frost Squall	An ensemble of particles of dust of turbulent wind. Ice deposits on ground Air temperature \$4°C (over Plains) A strong wind that rises sudd Moderate: Wind speed 52-61 kmph Severe: Wind speed 52-87 kmph Very Severe: Wind speed >87 kmph Effect of various waves in the sea Rough to very rough: Wind speed 41-High to very high: Wind speed 63-117 Phenomenal: Wind speed >117 kmph (Cyclonic Storm: Wind speed 62-87 km Severe Cyclonic Storm: Wind speed 84-Very Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind speed 85-Very Severe Cyclonic Storm: Wind Severe Cyclonic St	denly, lasts for atleast 1 minute.