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Government of India Ministry of Earth Sciences India Meteorological Department



Press Release Date: 26th June, 2025 Time of Issue: 1430 hours IST

Subject: Extremely heavy rainfall likely to continue over Kerala and South Interior Karnataka on 26th June, 2025 and Heavy to very heavy rainfall activity likely to continue over many parts of Northwest, central, east & northeast India during next 7 days.

Southwest Monsoon (Annexure I):

- Southwest monsoon has further advanced over some more parts of Rajasthan, Haryana and Punjab.
- The Northern Limit of Monsoon passes through 27.0°N/68.5°E, 27.0°N/70.0°E, Jaisalmer, Bikaner, Jhunjhunu, Bharatpur, Rampur, Sonipat, Anup Nagar and 29.0°N/70.0°E.
- Conditions are favourable for further advance of Southwest monsoon over remaining parts of the country during next 3- 4 days.

Realised weather during past 24 hours till 0830 hours IST of today, the 26th June, 2025 (Annexure II):

- Heavy to very heavy rainfall with extremely heavy falls recorded at isolated places over Kerala.
- Heavy to very heavy rainfall recorded at isolated places over Tamil Nadu, Coastal Karnataka, South Interior Karnataka, Gujarat Region, Odisha, Jammu, West Madhya Pradesh, Vidarbha; Heavy rainfall at isolated places over Himachal Pradesh, Uttarakhand, Punjab, Haryana, Rajasthan, Madhya Maharashtra, Marathawada, East Madhya Pradesh, Chhattisgarh, Assam, North Interior Karnataka and Jharkhand.
- Thunderstorm accompanied with Squally/Gusty winds with speed 40-60 kmph at isolated places over Himachal Pradesh, Gangetic West Bengal, Jharkhand, Uttarakhand, East Uttar Pradesh, Madhya Maharashtra, West Madhya Pradesh, Bihar, Andaman & Nicobar Islands, Punjab, Haryana, Tamil Nadu, Kerala, Rayalaseema, Telangana and Marathwada.

For more details of realised weather, kindly refer Annexure I,

i. Weather Systems, Forecast and Warnings (refer to Annexure III & IV):

- Under the influence of an upper air cyclonic circulation, a low-pressure area has formed over Northwest Bay of Bengal and adjoining coastal areas of Odisha and West Bengal at 0830 hours IST of today, the 26th June 2025. It is likely to move west-northwestwards across north Odisha and adjoining Gangetic West Bengal, Jharkhand and Chhattisgarh.
- A trough runs from northeast Arabian Sea to low pressure area over northwest Bay of Bengal and adjoining coastal areas of Odisha and West Bengal across south Gujarat, Madhya Pradesh, Chhattisgarh in lower & middle tropospheric levels.
- A cyclonic circulation lies over northeast Madhya Pradesh in lower tropospheric levels.
- Under the influence of these systems, the following weather is likely:

West India:

- ✓ Heavy to very heavy rainfall at isolated places likely over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days and isolated heavy rainfall over Marathawada on 26th June.
- ✓ Light/moderate rainfall at most/many places likely over the region during next 7 days.

Northwest India:

Isolated heavy rainfall likely over Punjab, Haryana, Himachal Pradesh, Uttarakhand, East Rajasthan during 26th June-02nd July; West Rajasthan, Jammu-Kashmir during 26th-29th; Uttar Pradesh during 28th June-02nd July with very heavy rainfall over Jammu & Kashmir on 26th; Himachal Pradesh, Haryana on 29th; East Rajasthan during 26th-

28th; Uttarakhand during 26th-30th, East Rajasthan during 26th-28th; Punjab on 26th & 29th; Uttar Pradesh during 29th June-02nd July.

✓ Light/moderate rainfall at most/many places accompanied with accompanied with thunderstorm, lightning & gusty winds speed reaching 30-40 kmph likely over Northwest India during 26th June-02nd July.

East & Central India:

- ✓ Isolated heavy rainfall over Madhya Pradesh, Chhattisgarh, Odisha, Jharkhand during 26th June-02nd July; Gangetic West Bengal during 26th-30th, Vidarbha on 26th & 27th; Sub-Himalayan West Bengal & Sikkim, Bihar during 27th-30th June with very heavy rainfall over West Madhya Pradesh on 26th, 27th June, 01st & 02nd July; East Madhya Pradesh on 26th, 30th June & 01st July; Vidarbha and Odisha on 26th; Jharkhand on 26th & 29th June.
- ✓ Light/moderate rainfall at most/many places accompanied with thunderstorm, lightning & gusty winds speed reaching 40-50 kmph likely over Andaman & Nicobar Islands, Madhya Pradesh, Vidarbha, Chhattisgarh, Gangetic West Bengal, Bihar, Jharkhand, Odisha during 26th June-01st July.

Northeast India:

 Light/moderate rainfall at most places accompanied with thunderstorm, lightning and isolated heavy rainfall likely to continue over Northeast India during next 7 days with very heavy rainfall over Arunachal Pradesh on 30th June.

South Peninsular India:

- ✓ Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Kerala and South Interior Karnataka on 26th June.
- ✓ Isolated heavy rainfall likely over Kerala during 26th-29th; Karnataka, Tamil Nadu during 26th-28th June; Coastal Andhra Pradesh, Telangana, Lakshadweep on 26th June with very heavy rainfall over Ghat areas of Tamil Nadu on 26th; Coastal Karnataka on 26th & 27th; and Kerala on 27th & 28th June.
- Strong surface winds (speed reaching 40-60 kmph) very likely over Karnataka, Coastal Andhra Pradesh & Yanam, Rayalaseema, Telangana during 26th-29th June.
- ✓ Light/moderate rainfall at many/some places over Kerala & Mahe, Lakshadweep, Coastal Karnataka; isolated to scattered rainfall accompanied with isolated **thunderstorm**, lightning over Coastal Andhra Pradesh & Yanam, Telangana, Interior Karnataka during 26th-29th June.

Fishermen Warnings:

Arabian Sea:

- Fishermen are advised not to venture off south Gujarat coast for day 1 & day 2 (26th & 27th June), along and off Gujarat coast for day 3 to day 5 (28th June to 01st July); off Konkan coast for day 1 (26th June), north Arabian Sea along and off Konkan-Goa coast for day 3 to day 5 (28th June to 01st July); along and off Karnataka, Kerala coasts and Lakshadweep area for day 1 to day 3 (26th to 29th June)
- Fishermen are advised not to venture along and off the Somalia coast and adjoining sea areas, Oman and adjoining Yemen coast & adjoining sea areas; over central & adjoining north, south Arabian Sea for day 1 to day 5 (26th June to 01st July)

Bay of Bengal:

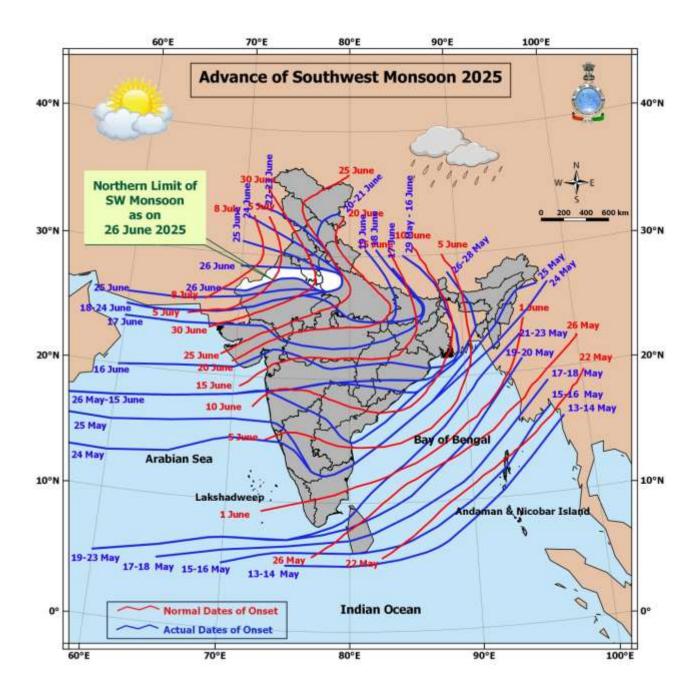
- Fishermen are advised not to venture along and off north Andhra Pradesh & adjoining Odisha coast for day 2 & day 3 (27th & 28th June), off north Andhra Pradesh coast; southeast Bay of Bengal for day 4 & day 5 (29th & 30th June); along and off Odisha and West Bengal coasts; over many parts of Northwest, westcentral Bay of Bengal and adjoining eastcentral Bay of Bengal for day 1 (26th June); most parts of central Bay of Bengal for day 2 and day 5 (27th June to 01st July); many parts of north Bay of Bengal for day 4 & day 5 (29th & 30th June); some parts of southwest Bay of Bengal for day 1, day 2 and day 4 (26th, 27th & 29th June).
- Total suspension of fishing operations is suggested over above mentioned areas and dates.

ii. Weather conditions and forecast over Delhi/NCR during 26th June to 29th June, 2025 (Annexure V)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all india forcast bulletin.php

For District wise warnings refer: <u>https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php</u>



Rainfall recorded (in cm) during past 24 hours till 0830 hours IST of today, the 26th June:

- Kerala: Lower Sholayar AWS (dist Thrissur) 24; Nilambur (dist Malappuram) 17; Vyttiri (dist Wynad), Peermade To (dist Idukki) 15 Each; Udumbannoor AWS (dist Idukki) 14; Thodupuzha (dist Idukki) 13; Idukki (dist Idukki), Nilambur AWS (dist Malappuram) 12 Each; Munnar Kseb (dist Idukki), Athirappalli AWS (dist Thrissur), Kalpeta AWS (dist Wynad) 11 Each;
- Gujarat Region: Dolvan (dist Tapi) 19; Umerpada (dist Surat) 14; Vansda (dist Navsari) 13; Sagbara (dist Narmada), Karjan (dist Vadodara), Bardoli (dist Surat), Khergam (dist Navsari) 12 Each; Waghai (dist Dangs), Kamrej (dist Surat) 11 Each; Chikhli (dist Navsari), Valod (dist Tapi), Dediapada (dist Narmada) 10 Each; Mahuva (dist Surat), Valsad (dist Valsad), Dang Kvk AWS (dist Dangs) 9 Each; Pardi (dist Valsad), Ukai (dist Surat) 8 Each; Jambughoda (dist Panchmahal), Ghoghamba (dist Panchmahal), Vyara (dist Tapi), Naswadi (dist Chhota Udepur), Padra (dist Vadodara), Narmada Kvk AWS (dist Narmada), Bodeli (dist Chhota Udepur), Kalol (dist Panchmahal) 7
- Tamil Nadu: Avalanche (dist Nilgiris) 18; Sholayar (dist Coimbatore) 17; Valparai PTO (dist Coimbatore) 13; Chinnakalar (dist Coimbatore), Cincona (dist Coimbatore) 12 Each; Upasi Tea Research AWS (dist Coimbatore) 11; Valparai Taluk Office (dist Coimbatore), Upper Bhavani (dist Nilgiris), Valparai Pap (dist Coimbatore) 9 Each; Periyar (dist Theni) 8; Pollachi (dist Coimbatore), Adavinainnarkoil Dam (dist Tenkasi) 7 Each;
- South Interior Karnataka: Virajpet (dist Kodagu) 17; Napoklu (dist Kodagu) 16; Agumbe Emo (dist Shivamogga) 14; Kalasa (dist Chikkamagaluru) 12; Kammardi (dist Chikkamagaluru) 11; Sringeri HMS (dist Chikkamagaluru), Kottigehara (dist Chikkamagaluru) 10 Each; Hunchadakatte (dist Shivamogga) 9; Somwarpet (dist Kodagu), Koppa (dist Chikkamagaluru) 8 Each; Ponnampet PWD (dist Kodagu) 7;
- Odisha: Patnagarh (dist Bolangir) 17; Tikarpara (dist Angul) 16; Kotpad (dist Koraput) 15; Narsinghpur (dist Cuttack), Papadahandi (dist Nawarangpur) 12 Each; Gania (dist Nayagarh) 11; Kosagumda (dist Nawarangpur), Birmaharajpur (dist Sonepur), Th Rampur (dist Kalahandi) 10 Each; Nawarangpur (dist Nawarangpur), Kantamal (dist Boudhgarh), Remuna (dist Balasore), Boudhgarh (dist Boudhgarh) 9 Each;
- Jammu: Katra (dist Reasi) 14; Reasi ARG (dist Reasi), Reasi Kvk AWS (dist Reasi) 8 Each;
- Coastal Karnataka: Dharmasthala (dist Dakshina Kannada) 14; Yellapur (dist Uttara Kannada), Belthangadi (dist Dakshina Kannada) 9 Each; Castle Rock (dist Uttara Kannada) 8;
- Vidarbha: Malegaon (dist Washim) 14; Mahagaon (dist Yeotmal), Ghatanji (dist Yeotmal) 13 Each; Umerkhed (dist Yeotmal), Washim (dist Washim) 11 Each; Arni (dist Yeotmal) 9; Manora (dist Washim), Pandherikawara (dist Yeotmal), Risod (dist Washim), Mehkar (dist Buldhana) 8 Each
- Telangana: Tamsi (dist Adilabad) 13; Talamadugu (dist Adilabad) 12; Aswaraopeta (dist B. Kothagudem) 10; Adilabad (dist Adilabad), Bodhan (dist Nizamabad), Bazarhathnoor (dist Adilabad) 9 Each; Yeda Palle (dist Nizamabad), Thimmapur (dist Karimnagar), Medak (dist Medak), Medak(ARG) (dist Medak) 8 Each; Ranjal (dist Nizamabad), Banswada (dist Kamareddy), Varni (dist Nizamabad) 7 Each;
- West Madhya Pradesh: Udaigarh (dist Alirajpur) 13; Neemuch-aws (dist Neemuch) 10; Ashta-aws (dist Sehore) 9; Badnawar (dist Dhar), Timarni (dist Harda) 8 Each; Bhabhra (dist Alirajpur), Rajpur (dist Barwani) 7 Each;
- East Rajasthan: Bhungra SR (dist Banswara) 11; Masuda SR (dist Ajmer), Jhadol SR (dist Udaipur), Danpur (dist Banswara) 8 Each;
- Chhattisgarh: Darri (dist Korba) 11; Gharghoda (dist Raigarh) 9; Bakavand (dist Bastar), Patan (dist Durg), Patharia (dist Mungeli), Patna (dist Koriya) 8 Each; Baloda Bazar (dist Baloda Bazar), Bhatapara (dist Baloda Bazar), Tilda (dist Raipur), Lalpur Thana (dist Mungeli), Chhal (dist Raigarh), Gangalur (dist Bijapur) 7 Each;
- Madhya Maharashtra: Akkalkuwa (dist Nandurbar) 10; Chandgad (dist Kolhapur) 9; Ajra (dist Kolhapur) 8; Radhanagari (dist Kolhapur) 7;
- Punjab: Tibri (dist Gurdaspur) 9;
- East Madhya Pradesh: Palera (dist Tikamgarh) 9; Mohangarh (dist Tikamgarh) 8;
- * Himachal Pradesh: Palampur (dist Kangra) 8; Banjar (dist Kullu) 7;
- North Interior Karnataka: Khanapur (dist Belagavi) 8;
- Jharkhand: Hendigir (dist Hazaribag) 8; Ramgarh (dist Ramgarh), Mandu (dist Ramgarh) 7 Each;
- Marathwada: Nanded IMD Parttime (dist Nanded) 8; Tondapur- ARG (dist Hingoli) 7;
- Uttarakhand: Banbasa (dist Champawat), Loharkhet (dist Bageshwar) 8 Each; Purola (dist Uttarkashi), Kapkot (dist Bageshwar) 7 Each;
- Haryana: Jagadhari (dist Yamuna Nagar), Tajewala (dist Yamuna Nagar) 8 Each; Bilaspur (dist Yamuna Nagar) 7;
- ✤ Assam: Dudhnoi ARG (dist Goalpara) 7.

Realised Gusty Winds (kmph) During Past 24hours ending at 0830 hrs IST of today the 26th June:

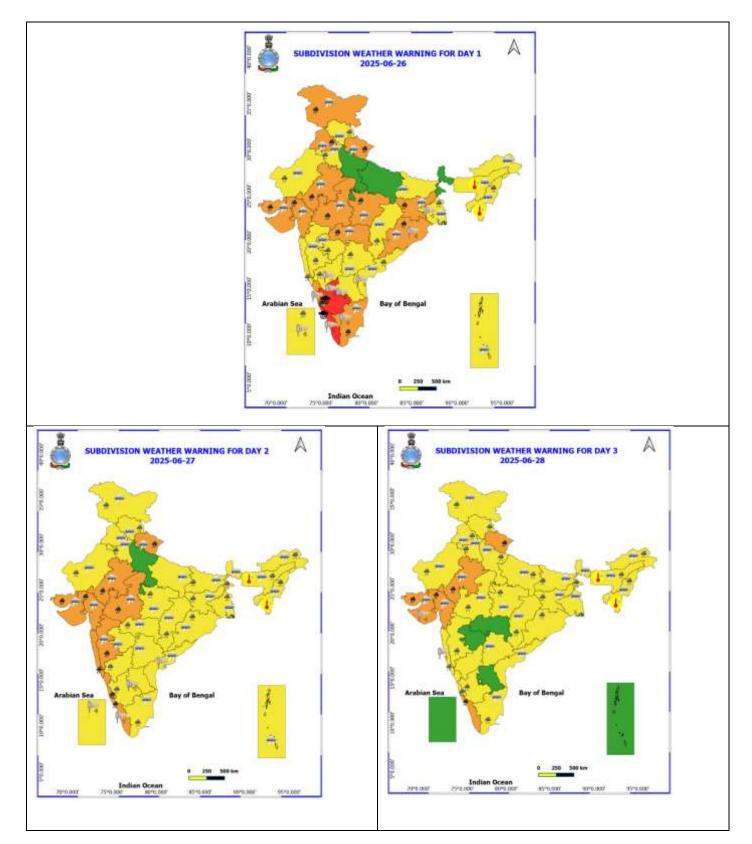
- Himachal Pradesh: Tabo-52,Kukumseri-48,Bajaura-37;
- Gangetic West Bengal: Durgapur (50); Dum Dum (44); Burdwan (41); Amta, Nimpith (37); Sonarpur (35);
- Jharkhand: Bano-Simdega (48); Giridih (43); Simdega (33); Pakur, Palamu (31), Deoghar, Barhi (30);
- Uttarakhand: Mukteshwar-48, Pantnagar-33, Jaspur-31, Roorkee-30;
- East Uttar Pradesh: Mirzapur Aws-48;
- Madhya Maharashtra: Kurvande (Pune) 48 Kmph, Mahabaleshwar- 48 Kmph.
- West Madhya Pradesh: Gwalior 46, Morena 43;
- Bihar: Begusarai (44); Bhojpur (41); Sukhet (39); East Champaran, Iit Patna (37); Madhepura, Saraiya, Agwanpur (35);
- Andaman & Nicobar Islands: Sri Vijayapuram (44); Shaheed Dweep (30);
- Punjab: Faridkot And Hoshiarpur 44;
- Haryana: Karnal 44, Panipat 43;
- Tamil Nadu: Vedasandur(Dindigul)-54, Kadavur Taluk_Office (Karur)- 50, Kovilpatti_Amfu(Thoothukudi)-46, Thiruchendur,(Thoothukudi)-46, Tenkasi-43, Hosur(Krishnagiri)-46;
- Marathwada:Beed (Ambejogai)-43 Kmph,

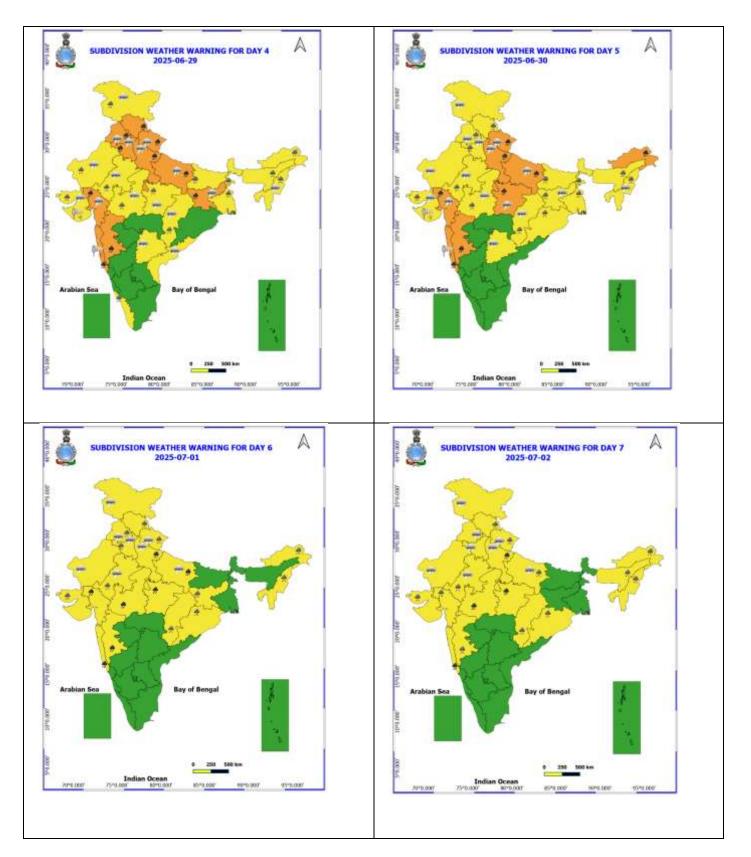
ANNEXURE III

Table-1								
7 Days Rainfall Forecast 26- Jun 27- Jun 28- Jun 29- Jun 30- Jun 1- Jul 2- J								
S.No.	Subdivision		100000000000000000000000000000000000000	1000 (100 million / A)	Contraction (Contraction)	Contraction of the	20000000000000000000000000000000000000	2- Ju
		Day 1	Day 2	Day 3	Day 4			
	ANDAMAN & NICOBAR ISLANDS	FWS	M G	Sec.		FWS	FWS	
	ARUNACHAL PRADESH	SCT	SCT	FWS		FWS	FWS	
	ASSAM & MEHGHALAYA	SCT	FWS		FWS	FWS	FWS	
	NAGALAND, MANIPUR, MIZORAM AND TRIPURA		FWS		FWS	FWS	FWS	
	SUB HIMALAYAN WEST BENGAL & SIKKIM	FWS	FWS	WE	WS	WE	Wis	FV
6	GANGETIC WEST BENGAL	Y48	WE	WB	WS	W.S	W/G	FV
7	ODISHA	115	FWS	FWS	SCT	FWS	FWS	FV
8	JHARKHAND	WS	. 182	43	103	83	- WS	FV
9	BIHAR	SCT	FWS	FWS	FWS	FWS	FWS	FV
10	EAST UTTAR PRADESH	ISOL	SCT	FWS	WB	WB	Y/S	FV
11	WEST UTTAR PRADESH	ISOL	SCT	FWS	W/S	WE	Wa	
12	UTTARAKHAND	FWS	WE	WS	WS	WD	FWS	FV
13	HARYANA, CHANDIGARH & DELHI	FWS	SCT	985	YES	WS	1975	FV
14	PUNJAB	WP	SCT	FWS	W.5	WB	We	FV
15	HIMACHAL PRADESH	WE	N S	FWS	WS	WE	WE	FV
16	JAMMU AND KASHMIR AND LADAKH	WE	WS	SCT	SCT	SCT	SCT	S
17	WEST RAJASTHAN	SCT	FWS	FWS	SCT	SCT	ISOL	ISC
18	EAST RAJASTHAN	FWS	FWS	FWS		FWS	SCT	
19	WEST MADHYA PRADESH	W.S	WE	FWS		FWS	Wis	1
20		WS	WB	WS		14	Ws	
21		We	W/B	WS	WB	W/B	W/S	
22		UM/R	VIE	WS	WS	WE	Wh	-
	KONKAN & GOA	WS	W S	WS	Sales -	W.S.	14411	
24		SCT	SCT	SCT	SCT	SCT	SCT	FV
25		FWS	SCT	ISOL	ISOL	ISOL	ISOL	and the second second
26			FWS	SCT	SCT	FWS	FWS	
27		VVR	TTC	Wis	0.01	THO IS	- HO	FV
	COASTAL ANDHRA PRADESH	UND	FWS		ISOL	ISOL	SCT	
	TELANGANA	FWS	SCT	ISOL	ISOL	ISOL	ISOL	IS
30		SCT	ISOL	ISOL	ISOL	ISOL	ISOL	IS
31		SCT	SCT	SCT	ISOL	ISOL	ISOL	IS
32		301	301		ISOL	ISOL	ISOL	130
	NORTH INTERIOR KARNATAKA	FWS	SCT	SCT		ISOL	ISOL	S
	SOUTH INTERIOR KARNATAKA				SCT SCT	ISOL	ISOL	-
	and in the Party of the Cold State of the Cold S	FWS	SCT	SCT		and the second se	and the second se	-
	KERALA AND MAHE		14.5	11.5	FWS FWS	FWS FWS	FWS	_

• As the lead period increases forecast accuracy decreases.

ANNEXURE IV





- Action may be taken based on ORANGE AND REDCOLOUR warnings.
- Vulnerable regions likely urban and hilly areas action may be initiated for heavy rainfall warning.
- As the lead period increases forecast accuracy decreases.

DetaileddistrictwiseMultiHazardweatherwarningfornextfivedaysavailableat https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php

Weather forecast over Delhi/NCR during 26th to 29th June 2025

Past Weather:

There has been fall in the minimum up to 1°C and fall in maximum temperature up to 1 - 3°C over Delhi/NCR during the past 24 hours. The maximum and minimum temperatures over Delhi were around 33 to 35 °C and 25 to 28°C, respectively. The minimum temperatures were near normal and the maximum temperatures were below normal up to 2 to 5°C. Partly cloudy sky conditions with predominant surface wind from the northeast/east direction with wind speeds up to 16 kmph prevailed during the past 24 hours. Partly cloudy sky conditions with wind speed less than 10 kmph from the southeast direction prevailed over the region in the forenoon today.

Weather Forecast:

26.06.2025: Partly cloudy sky. Very light to light rain accompanied with thunderstorm/lightning. The maximum temperatures over Delhi are likely to be in the range of 36 to 38°C. The maximum temperature will be near normal. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 15 kmph in the afternoon. The wind speed will gradually decrease becoming 10-12 kmph from the southeast direction during evening and night.

27.06.2025: Partly cloudy sky. Very light to light rain accompanied with thunderstorm/lightning. The maximum and minimum temperatures over Delhi are likely to be in the range of 36 to 38°C and 26 to 28°C respectively. The minimum temperature will be near normal and the maximum temperature will be near normal. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 15 kmph during the morning hours. The wind speed will gradually decrease becoming 10-12 kmph from the southeast direction during evening and night.

28.06.2025: Generally cloudy sky. Light to moderate rain accompanied with thunderstorm/lightning towards evening/night. The maximum and minimum temperatures over Delhi are likely to be in the range of 33 to 35°C and 25 to 27°C, respectively. The minimum temperature will be below normal up to 1 to 2°C, and the maximum temperature will be below normal up to 2 to 4°C. The predominant surface wind will likely be from the southeast direction with a wind speed of less than 10 kmph during the morning hours. The wind speed will gradually increase becoming less than 15 kmph from the southeast direction in the afternoon. It will decrease to less than 12 kmph from the southeast direction during the evening and night.

29.06.2025: Generally cloudy sky. Light to moderate rain accompanied with thunderstorm/lightning. The maximum and minimum temperatures over Delhi are likely to be in the range of 32 to 34°C and 25 to 27°C, respectively. The minimum temperature will be below normal up to 1 to 2 °C, and the maximum temperature will be below normal up to 3 to 5°C. The predominant surface wind will likely be from the southwest direction with a wind speed of less than 15 kmph during the morning hours. The wind speed will gradually decrease becoming less than 10 kmph from the southeast direction in the afternoon. It will increase to less than 15 kmph from the southeast direction and night.

Impact expected and Action Suggested due to thunderstorm with lightning/gusty winds:

- Be cautious and take precautionary measures, though there is the likelihood of thunderstorm/lightning and gusty winds (speed 40 50 kmph) temporarily reaching 60 kmph during thunderstorm with dust rising surface winds.
- Breaking of tree branches, uprooting of large avenue trees, Large dead limbs blown from trees, Damage to standing crops, Minor to major damage to power and communication lines due to breaking of branches, Partial damage to vulnerable structures due to strong winds, Loose objects may fly.
- People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly, stay indoors, close windows & doors and avoid travel if possible, take safe shelters; do not take shelter under trees, do not lie on concrete floors and do not lean against concrete walls, unplug electrical/ electronic appliances, immediately get out of water bodies, keep away from all the objects that conduct electricity.

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

- ✓ Extremely heavy rainfall (>20 cm/24 hours) likely at isolated places over Kerala and South Interior Karnataka on 26th June.
- Very heavy rainfall over Konkan & Goa, Ghat areas of Madhya Maharashtra, Gujarat state during next 7 days; Jammu & Kashmir, Ghat areas of Tamil Nadu, Vidarbha and Odisha on 26th; Himachal Pradesh, Haryana on 29th; East Rajasthan during 26th-28th; Uttarakhand during 26th-30th, East Rajasthan during 26th-28th; Punjab on 26th & 29th; Uttar Pradesh during 29th June-02nd July; West Madhya Pradesh on 26th, 27th June, 01st & 02nd July; East Madhya Pradesh on 26th, 30th June & 01st July; on 26th; Coastal Karnataka on 26th, 27th; Jharkhand on 26th & 29th June and Kerala on 27th & 28th June.

Impact Expected

- Localized Flooding of roads, water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- > Occasional reduction in visibility due to heavy rainfall.
- > Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- > Possibilities of damage to vulnerable structure.
- ► Localized Landslides/Mudslides/landslips/mudslips/landsinks/mudsinks.
- > Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

Action Suggested

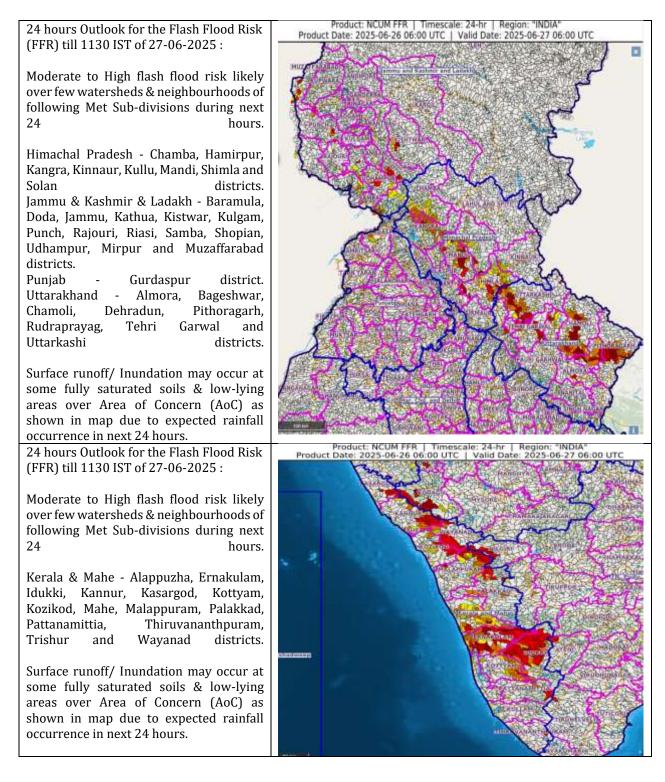
- > Check for traffic congestion on your route before leaving for your destination.
- > Follow any traffic advisories that are issued in this regard.
- > Avoid going to areas that face the water logging problems often.
- > Avoid staying in vulnerable structure.

Agromet advisories for likely impact of Heavy / Heavy to Very Heavy / Extremely Heavy Rainfall (Based on the IBF and advisories issued by different AMFUs)

- In Gujarat, postpone nursery sowing of rice. Ensure proper drainage facilities in already sown rice nurseries, sugarcane fields, banana and mango plantations to prevent waterlogging. Provide support to sugarcane and banana to prevent lodging. In Saurashtra & Kutch, Drain out excess rain water from vegetable nurseries and horticultural plantations.
- In Konkan & Goa make arrangement to drain out excess water from rice nurseries, fields of finger millet, groundnut and orchards to prevent waterlogging. In *ghat* areas of Madhya Maharashtra, drain out excess water from rice nurseries, vegetables and orchards to prevent waterlogging. In Vidarbha, keep already harvested produce at safer places and provide mechanical support to newly planted orchards and vegetables to prevent them from lodging.
- In West Madhya Pradesh, Postpone harvesting of maize. Postpone sowing of pearl millet, soybean, pigeon pea and paddy nurseries. Make necessary arrangements to drain out excess water from vegetables and orchards to avoid waterlogging. In Kymore Plateau and Satpura Hill Zone of East Madhya Pradesh, harvest matured green gram and black gram crop and store in a safe place. In Gird Zone of West Madhya Pradesh, harvest matured maize crop and keep it in safe place. Postpone sowing of soybean and transplanting of chilli, tomato, brinjal etc. and ensure proper drainage in already sown / transplanted fields.
- > In **Chhattisgarh**, ensure proper drainage in rice nurseries.
- **Jammu and Kashmir** postpone sowing of maize. Drain out excess water from the fields of maize and vegetables.
- In Sub-Montane and Low Hills Sub-Tropical Zone of Himachal Pradesh, provide drainage in maize and vegetable fields. Strengthen the support for creepers and tall vegetable crops (tomato, capsicum etc.). In Mid Hills Sub-Humid Zone of Himachal Pradesh, harvest matured fruits of plum, pear and stonefruit to minimize losses due to heavy rains. Make proper drainage channels in the fields of maize, apple, pear, pomegranate, kiwi, cucumber and tomato to avoid waterlogging. Provide support to cucumber vines and tomato plants to prevent lodging.
- In Uttarakhand, make proper drainage channels in rice nurseries, pigeon pea, groundnut, maize, soybean, barnyard millet and finger millet to avoid waterlogging. In Bhabar and Tarai Zone of Uttarakhand, harvest matured spring maize crop and vegetables (pumpkin, tomato, okra, chilli, French bean etc.) and store in safe place during clear weather.
- > In **Punjab**, drain out excess water from already sown cotton, rice, vegetables and fruit crops.
- > In **Haryana** Make necessary arrangements to drain out excess water from cotton and pearl millet fields.
- In East Rajasthan, harvest the matured vegetables such as okra and cucurbits and store them in safe place. Make arrangement for draining out excess water from the fields of groundnut and green gram.
- In Jharkhand, make necessary arrangements to drain out excess water from already sown maize fields, rice and vegetable nurseries.
- > In **Odisha**, ensure proper drainage from already sown rice nurseries, fields of maize and vegetables to prevent waterlogging. Cover rice and vegetable nurseries with plastic sheets to prevent washing away of seeds.
- In Coastal Karnataka, ensure proper drainage facilities in rice nurseries, banana, coconut and arecanut plantations to prevent water logging. In South Interior Karnataka, cover young seedlings of rice with plastic sheets or agro-shade nets to protect them from heavy rains. Provide adequate drainage to remove excess water from rice nurseries, coffee, cardamom, coconut and arecanut plantations to prevent water logging. Provide support to sugarcane and banana to prevent lodging. In North Interior Karnataka, drain out excess water from the crops which are at seedling stage to prevent water logging.
- In ghat regions of Tamilnadu, provide adequate drainage in rice nurseries, sorghum, maize, pulses, groundnut, sugarcane, orchards and vegetable crops.
- In Kerala, ensure proper drainage facilities in rice nurseries, transplanted rice fields, coconut and banana plantations to prevent water logging. Undertake propping in banana to protect the plants from heavy rains.

Livestock / Fishery

- > Keep the animals inside the shed during heavy rainfall and provide them balanced feed.
- Store feed and fodder in a safe place to prevent spoilage.
- Construct an outlet with proper netting around the ponds to drain out excess water, thereby preventing fish from escaping in case of overflow.



Legends & abbreviations:

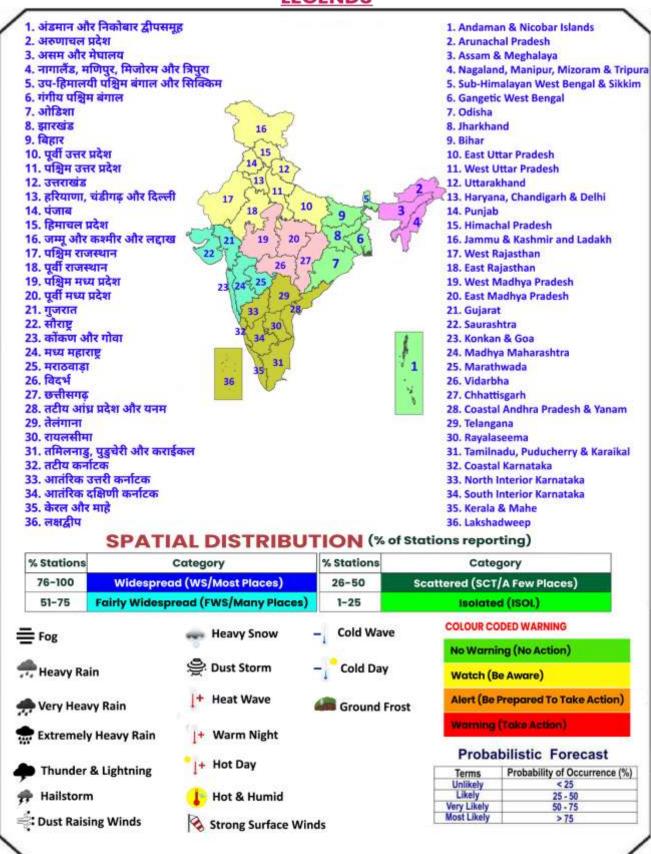
- Heavy Rain:64.5-115.5mm; Very Heavy Rain:115.6-204.4mm; Extremely Heavy Rain: >204.4mm.
- Obsy: Observatory; Automatic Weather Station; ARG: Automatic Rain Gauge; dist: District: NH: National Highway; KVK: Krishi Vigyan Kendra; DVC: Damodar Valley Corporation; PTO: Part Time Office, Aero: Aerodrome, IAF: Indian Air Force.
- Region wise classification of meteorological Sub-Divisions:
 - Northwest India: Western Himalayan Region (Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad, Himachal Pradesh and Uttarakhand); Punjab, Haryana-Chandigarh-Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
 - **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
 - **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
 - Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
 - West India: Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathawada.
 - **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.



राष्ट्रीय मौसम पूर्वानुमान केन्द्र भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय



National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences



* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action". Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.

For more details, kindly visit https://mausam.imd.gov.in or contact: 011-2434-459 (Service to the Nation since 1875)





National Weather Forecasting Centre India Meteorological Department Ministry of Earth Sciences

	Heavy: 64.5 to 115.5 mm/cm *					
ain/ Snow *	Very Heavy: 115.6 to 204.4 mm/cm* Extremely Heavy: > 204.4 mm/cm *					
	When maximum temperature of a station reaches ≥40° C for plains and ≥30° C for hilly regions (a) Based on Departure from normal					
	Heat Wave: Maximum Temperature Departure from normal 4.5° C to 6.4° C.					
	Severe Heat Wave: Maximum Temperature Departure from normal ≥6.5° C					
leat Wave	(b). Based on Actual maximum temperature					
	Heat Wave: When actual maximum temperature ≥45°C. Severe Heat Wave: When actual maximum temperature ≥47°C					
	(c). Criteria for heat wave for coastal stations When maximum temperature departure is >4.5°C from normal. Heat Wave may be described provided maximum temperature ≥37°C					
	When maximum temperature remains 40°C					
arm Night	Warm Night: When minimum temperature departure 4.5 °C to 8.4 °C.					
00000000000000000000000000000000000000	Severe Warm Night: When minimum temperature departure >6.4 °C.					
	When minimum temperature of a station ≤10°C for plains and ≤0°C for hilly regions. (a). Based on departure					
	Cold Wave: Minimum Temperature Departure from normal -4.5 °C to -6.4 °C. Severe Cold Wave: Minimum Temperature Departure from normal ≤ -6.5 °C					
Cold Wave	(b) Based on actual Minimum Temperature (for Plains only)					
	Cold Wave : When Minimum Temperature is \$ 4.0 °C					
	Severe Cold Wave: When Minimum Temperature is ≤ 2.0 °C					
	(c) For Coastal Stations When Minimum Temperature departure is ≤-4.5 °C & actual Minimum Temperature is ≤ 15 °C					
	When minimum temperature departure is \$4.5 C & actual withhum temperature is \$15 C					
	Based on departure					
Cold Day	Cold Day: Maximum Temperature Departure from normal -4.5 °C to -6.4 °C.					
	Severe Cold Day: Maximum Temperature Departure from normal ≤ -6.5 °C					
	Phenomenon of small droplets suspended in air and the horizontal visibility < 1km					
-	Moderate Fog: When the visibility between 500-200 metres					
Fog	Very Dense Fog: when the visibility between 50- 200 metres Very Dense Fog: when the visibility < 50 metres					
understorm	Sudden electrical discharges manifested by a flash of light (Lightning) and a sharp rumbling sound (thunder)					
Dust/Sand Storm	An ensemble of particles of dust or sand energetically lifted to great heights by a strong and turbulent wind.					
12000-01-0	Ice deposits on ground					
Frost	Air temperature ≤4*C (over Plains)					
	A strong wind that rises suddenly, lasts for atleast 1 minute.					
-	Moderate: Wind speed 52-61 kmph					
Squall	Severe: Wind speed 62-67 kmph					
	Very Severe: Wind speed >87 kmph					
	Effect of various waves in the sea over specific area					
Con State	Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre					
Sea State	High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre Phenomenal: Wind speed >117 kmph (>63 knots) & Wave height >14 metre					
	Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots) Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots)					
Cyclone	Very Severe Cyclonic Storm: Wind speed 118-165 kmph (64 - 89 knots)					
	Extremely Severe Cyclonic Storm: Wind speed 166-220 kmph (90 -119 knots)					
	Super Cyclone Strom: Wind speed >220 kmph (>119 knots)					

Hot and Humid: When maximum temperatures remain 3°C above normal along with the above normal relative humidity.