



Government of India
Ministry of Earth Sciences
India Meteorological Department



Press Release

Date: 13th September 2026

Time of Issue: 1340 hours IST

Subject: Under the influence of low-pressure area over southwest Madhya Pradesh and adjoining north Vidarbha, isolated very heavy rainfall likely over Konkan & Goa and Madhya Maharashtra on 13th September; Gujarat Region on 14th September; Saurashtra & Kutch during 13th-14th September with isolated extremely heavy rainfall also likely over Gujarat Region and north Madhya Maharashtra on 13th September.

Realised weather during past 24 hours ending at 0830 hours IST of today, the 13th September, 2026:

- ❖ **Exceptionally heavy rainfall (≥ 30 cm)** has been recorded over Gujarat Region.
- ❖ **Very Heavy rainfall (12-20 cm)** has been recorded over Vidarbha, Sub-Himalayan West Bengal, Assam, Konkan and Telangana.
- ❖ **Heavy rainfall (7-11 cm)** has been recorded over West Madhya Pradesh, Chhattisgarh, Bihar, Madhya Maharashtra, Saurashtra, Coastal Andhra Pradesh and Tamil Nadu.

Weather Systems, Forecast and Warnings (Annexure I & II):

- ❖ The **monsoon trough** is active and south of its normal position in lower tropospheric levels.
- ❖ Yesterday's **Low-Pressure Area** South Chhattisgarh & neighbourhood lay over southwest Madhya Pradesh and adjoining north Vidarbha at 0830 hrs IST of today, the 13th September 2026. It is likely to move west-northwestwards across southeast Rajasthan and adjoining north Gujarat during next 24 hours.
- ❖ A **trough** runs from cyclonic circulation associated with **Low Pressure Area** over southwest Madhya Pradesh and adjoining north Vidarbha to gulf of Mannar in lower tropospheric levels.
- ❖ An **upper air cyclonic circulation** lies over south Konkan & adjoining Eastcentral Arabian sea in lower & middle tropospheric levels tilting southwestwards with height.
- ❖ A **trough** runs from southwest Arabian Sea to centre of **Low Pressure Area** over southwest Madhya Pradesh and adjoining north Vidarbha in middle tropospheric level.
- ❖ The **Western Disturbance** as a trough in middle tropospheric level runs roughly along Long. 73°E to the north of Lat. 30°N.
- ❖ An **upper air cyclonic circulation** lies over central Assam & neighbourhood in lower tropospheric levels.

Under the influence of above systems, the following weather is likely:

Northwest India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Jammu-Kashmir-Ladakh-Gilgit-Baltistan-Muzaffarabad during 15th-17th September.
- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Haryana Chandigarh & Delhi and Punjab during 16th-17th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over rest parts of northwest India.
- ❖ Isolated **heavy rainfall** likely over Uttarakhand and Himachal Pradesh on 13th September; Haryana Chandigarh & Delhi and Punjab during 13th-17th September; East Rajasthan during 13th-14th September.

Central India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 13th-14th September; East Madhya Pradesh on 13th September; Vidarbha during 13th-15th September; Chhattisgarh during 13th-16th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over West Madhya Pradesh during 15th-19th September; East Madhya Pradesh during 14th-19th September; Vidarbha during 16th-19th September; Chhattisgarh during 17th-19th September.
- ❖ Isolated **heavy rainfall** likely over West Madhya Pradesh during 13th-14th September; Vidarbha on 13th September.

East India:

- ❖ **Fairly Widespread to Widespread** rainfall accompanied with thunderstorm & lightning likely over Andaman & Nicobar Islands during 16th-19th September; Sub-Himalayan West Bengal & Sikkim during 13th-19th September; Gangetic West Bengal on 13th September and during 16th-19th September; Bihar during 16th-17th September; Odisha during 13th-14th September.
- ❖ **Isolated to Scattered** rainfall accompanied with thunderstorm & lightning likely over Andaman & Nicobar Islands during 13th-15th September; Gangetic West Bengal during 14th-15th September; Jharkhand during 13th-19th September; Bihar during 13th-15th September and during 18th-19th September; Odisha during 15th-19th September.
- ❖ Isolated **heavy rainfall** likely over Andaman & Nicobar Islands during 16th-19th September; Bihar during 15th-17th September; Odisha during 14th-17th September.

Northeast India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 13th-17th September.
- ❖ **Isolated to Scattered** rainfall likely over Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura during 18th-19th September.
- ❖ Isolated **thunderstorm & lightning** likely over Arunachal Pradesh during 13th-17th September; Assam & Meghalaya during 13th-16th September; Nagaland, Manipur, Mizoram & Tripura on 13th September.
- ❖ Isolated **heavy rainfall** likely over Arunachal Pradesh during 13th-17th September; Assam & Meghalaya during 13th-16th September; Nagaland, Manipur, Mizoram & Tripura on 13th September.

West India:

- ❖ **Fairly Widespread to Widespread** rainfall likely over Gujarat Region, Konkan & Goa and Saurashtra & Kutch during 13th-15th September; Madhya Maharashtra and Marathawada on 13th September.
- ❖ **Isolated to Scattered** rainfall likely over Gujarat Region, Konkan & Goa and Saurashtra & Kutch during 16th-19th September; Madhya Maharashtra and Marathawada during 14th-19th September.
- ❖ Isolated **thunderstorm & lightning** likely over Konkan & Goa, Madhya Maharashtra and Marathawada on 13th September; Gujarat Region and Saurashtra & Kutch during 13th-15th September.
- ❖ Isolated **heavy rainfall** likely over Madhya Maharashtra on 14th September; Gujarat Region and Marathawada on 13th September; Saurashtra & Kutch on 15th September with isolated **very heavy rainfall** also likely over Konkan & Goa on 13th September; Gujarat Region on 14th September; Saurashtra & Kutch during 13th-14th September.
- ❖ **Isolated extremely heavy rainfall likely over Gujarat Region and north Madhya Maharashtra on 13th September.**

South Peninsular India:

- ❖ **Isolated to Scattered** rainfall likely over Rayalaseema, South Interior Karnataka and Tamil Nadu, Puducherry & Karaikal during 13th-19th September; Kerala & Mahe on 13th September and during 16th-19th September; Coastal Karnataka on 13th September and on 15th September; North Interior Karnataka during 13th-14th September and during 17th-19th September; Coastal Andhra Pradesh & Yanam and Telangana during 14th-19th September.
- ❖ **Fairly Widespread to Widespread** rainfall likely over Kerala & Mahe during 14th-15th September; Lakshadweep during 13th-19th September; Coastal Andhra Pradesh & Yanam and Telangana on 13th September.
- ❖ Isolated **thunderstorm, lightning & gusty winds (speed reaching 40-50 kmph gusting to 60 kmph)** likely over Tamil Nadu, Puducherry & Karaikal during 13th-17th September; South Interior Karnataka during 14th-16th September; Coastal Andhra Pradesh & Yanam and Rayalaseema during 13th-15th September, **with gusty winds (speed reaching 30-40 kmph gusting to 50 kmph)** likely over Kerala & Mahe during 14th-16th September; Telangana during 13th-15th September.
- ❖ Isolated **heavy rainfall** likely over Tamil Nadu, Puducherry & Karaikal during 13th-16th September; Kerala & Mahe during 14th-16th September; Coastal Andhra Pradesh & Yanam and Telangana on 13th September.
- ❖ Strong Surface Winds likely over Coastal Andhra Pradesh & Yanam and Rayalaseema during 13th-15th September.

Hot & Humid weather warning:

- ❖ **Hot and humid** weather conditions likely to prevail over Kerala & Mahe on 13th September.

Fishermen Warning:

- ❖ **Arabian Sea:** Along and off north Maharashtra coasts on 13th September and Gujarat coasts adjoining northeast Arabian Sea till 16th September; along and off Somalia coasts, few parts of southwest adjoining westcentral Arabian Sea till 18th September;
- ❖ **Bay of Bengal:** Over few parts of south Bay of Bengal on 15th September; over some parts of southeast adjoining southwest Bay of Bengal and over Andaman Sea during 16th to 18th September.

Weather conditions and forecast over Delhi/NCR during next 4 days (Annexure III)

For more details, kindly refer National Weather Bulletin:

https://mausam.imd.gov.in/responsive/all_india_forecast_bulletin.php

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

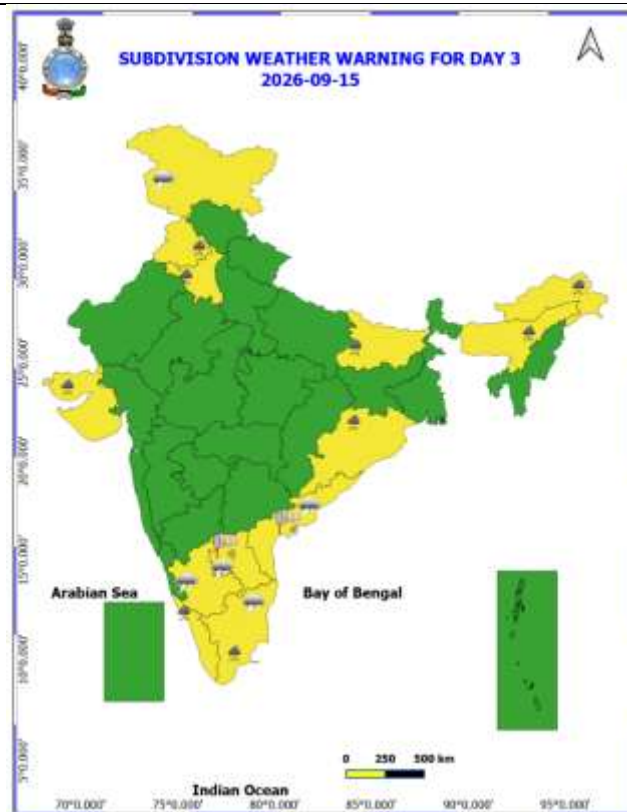
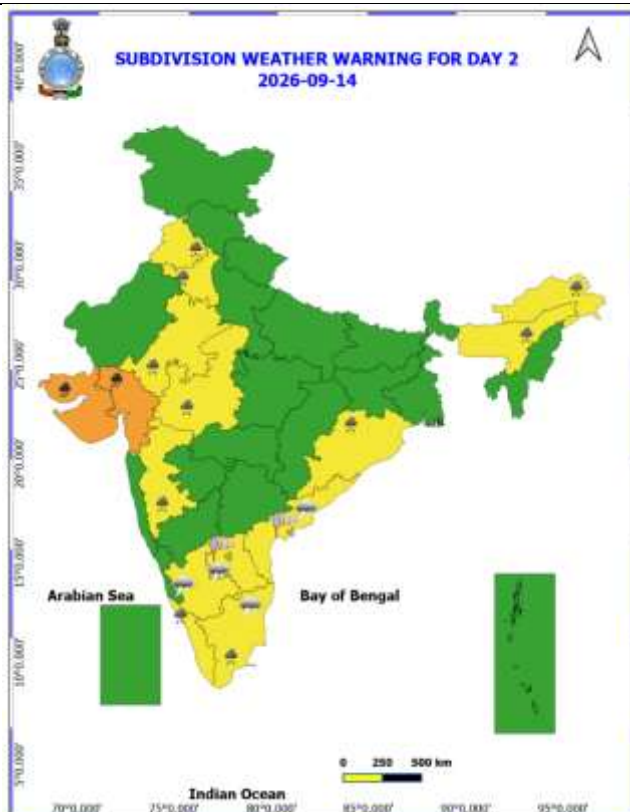
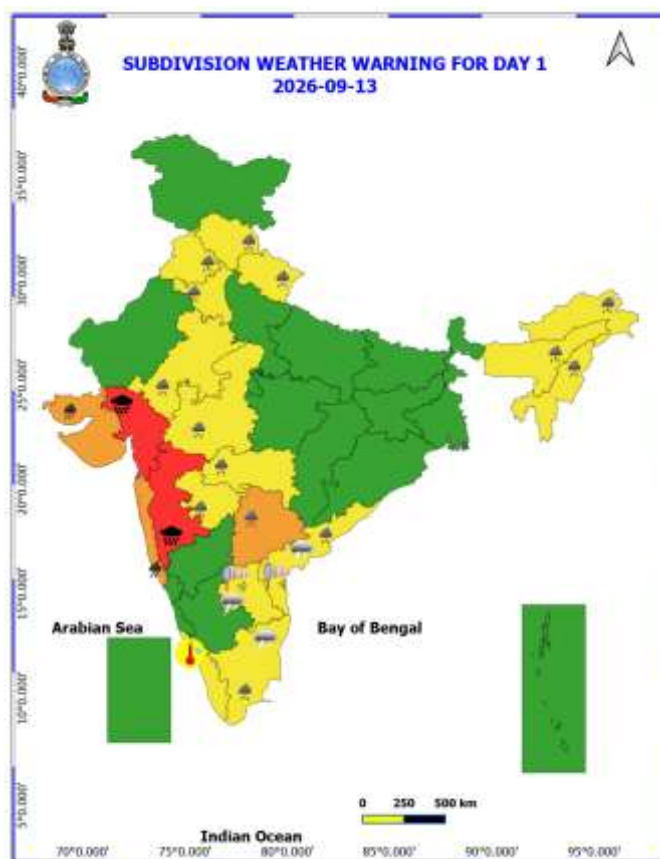
For Fishermen warning refer <https://rsmcnewdelhi.imd.gov.in/fishermenwarning.php>

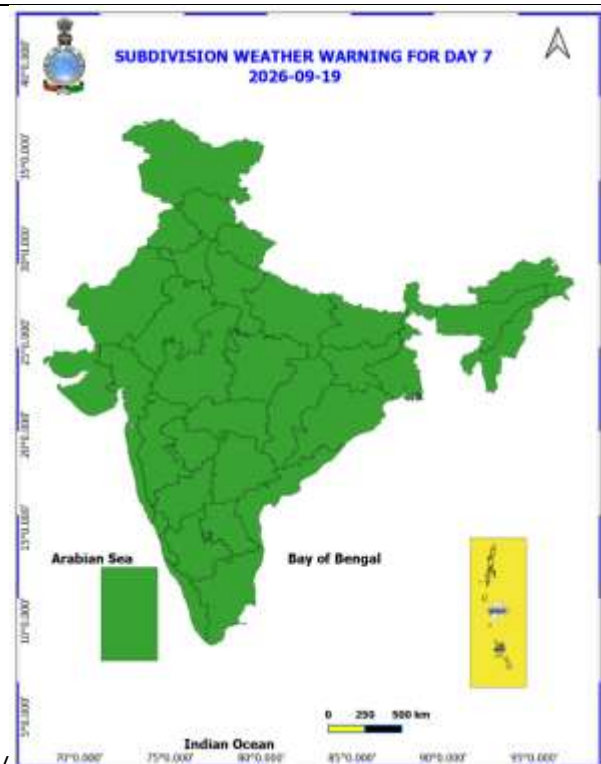
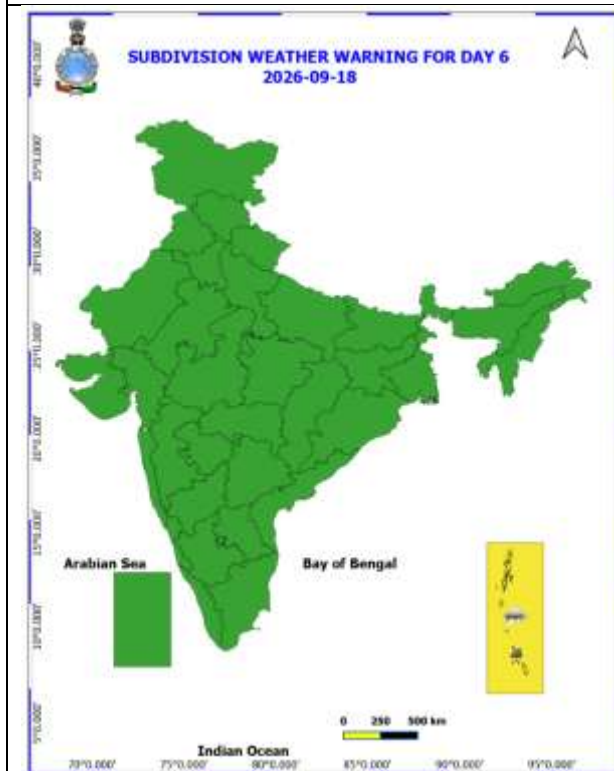
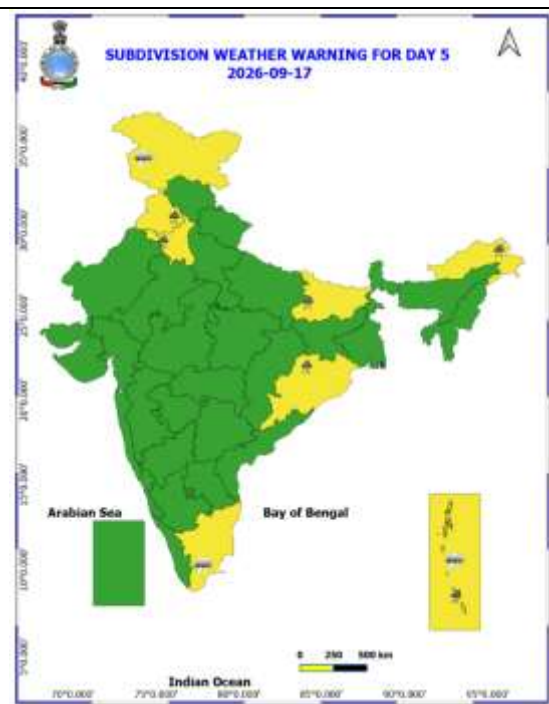
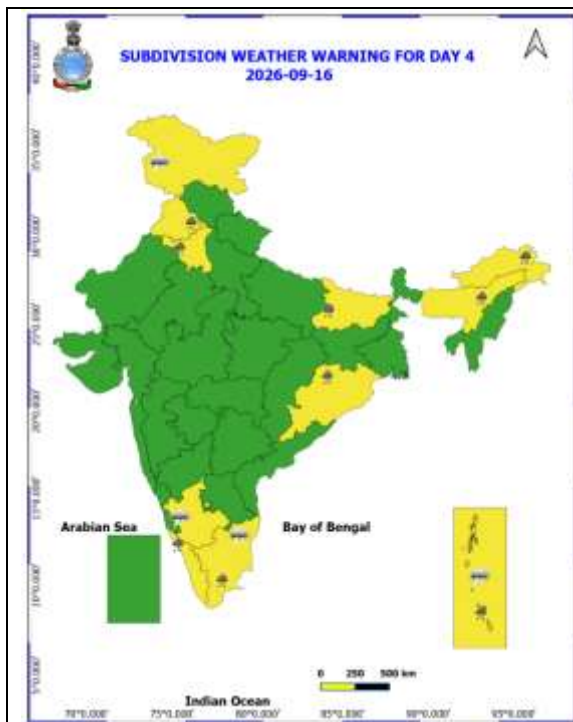
Highest rainfall recorded (> 7 cm) (from 0830 hours IST of yesterday to 0830 hours IST of today over different Meteorological Subdivision):

- ❖ **Gujarat Region:** Ukai (dist Tapi) 30
- ❖ **Assam:** Agomani 14
- ❖ **Vidarbha:** Desaignanj (dist Gadchiroli) 14
- ❖ **Konkan:** Vasai(Palghar)-13
- ❖ **Sub-Himalayan West Bengal:** Kumargram 13
- ❖ **Telangana:** Kodakandla(Jangaon) 12
- ❖ **Madhya Maharashtra:** Navapur(Nandurbar) 10
- ❖ **Tamil Nadu:** Tiruvannamalai 10
- ❖ **Coastal Andhra Pradesh:** Addanki(Bapatla) 9
- ❖ **Saurashtra:** Ghogha (dist Bhavnagar) 9, Bhavnagar (dist Bhavnagar) 7,
- ❖ **West Madhya Pradesh:** Harsud (Khandwa) 8
- ❖ **Chhattisgarh:** Bade Bacheli (dist Dantewada) 8
- ❖ **Bihar:** Tedagachh 7.

Table-1								
7 Days Rainfall Forecast								
S.No.	Subdivision	13- Sep	14- Sep	15- Sep	16- Sep	17- Sep	18- Sep	19- Sep
		Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7
1	ANDAMAN & NICOBAR ISLANDS	SCT	SCT	SCT	W3	W3	W3	W3
2	ARUNACHAL PRADESH	FWS	FWS	FWS	FWS	FWS	SCT	SCT
3	ASSAM & MEHGHALAYA	FWS	FWS	FWS	FWS	FWS	SCT	SCT
4	NAGALAND, MANIPUR, MIZORAM AND TRIPURA	FWS	FWS	FWS	FWS	FWS	SCT	SCT
5	SUB HIMALAYAN WEST BENGAL & SIKKIM	W3	FWS	FWS	W3	W3	FWS	FWS
6	GANGETIC WEST BENGAL	FWS	SCT	SCT	FWS	FWS	FWS	FWS
7	ODISHA	FWS	FWS	SCT	SCT	SCT	SCT	SCT
8	JHARKHAND	ISOL	SCT	SCT	SCT	SCT	ISOL	ISOL
9	BIHAR	ISOL	SCT	SCT	FWS	FWS	SCT	ISOL
10	EAST UTTAR PRADESH	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
11	WEST UTTAR PRADESH	ISOL	ISOL	SCT	SCT	ISOL	DRY	DRY
12	UTTARAKHAND	SCT	SCT	SCT	SCT	SCT	ISOL	ISOL
13	HARYANA, CHANDIGARH & DELHI	SCT	SCT	SCT	FWS	FWS	ISOL	ISOL
14	PUNJAB	SCT	SCT	SCT	FWS	FWS	ISOL	ISOL
15	HIMACHAL PRADESH	ISOL	ISOL	SCT	SCT	SCT	ISOL	ISOL
16	JAMMU AND KASHMIR AND LADAKH	SCT	SCT	FWS	FWS	FWS	SCT	SCT
17	WEST RAJASTHAN	ISOL	ISOL	ISOL	ISOL	ISOL	DRY	DRY
18	EAST RAJASTHAN	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
19	WEST MADHYA PRADESH	W3	FWS	SCT	SCT	SCT	ISOL	ISOL
20	EAST MADHYA PRADESH	FWS	SCT	SCT	SCT	SCT	ISOL	ISOL
21	GUJRAT REGION	W3	W3	FWS	SCT	SCT	SCT	ISOL
22	SAURASHTRA & KUTCH	W3	W3	FWS	SCT	SCT	ISOL	ISOL
23	KONKAN & GOA	FWS	FWS	FWS	SCT	SCT	ISOL	ISOL
24	MADHYA MAHARASHTRA	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
25	MARATHWADA	FWS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
26	VIDARBHA	W3	FWS	FWS	SCT	SCT	SCT	ISOL
27	CHHATTISGARH	W3	FWS	FWS	FWS	SCT	SCT	SCT
28	COASTAL ANDHRA PRADESH	FWS	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
29	TELANGANA	FWS	SCT	SCT	ISOL	ISOL	ISOL	ISOL
30	RAYALASEEMA	ISOL	SCT	SCT	ISOL	ISOL	ISOL	ISOL
31	TAMILNADU & PUDUCHERRY	SCT	SCT	SCT	SCT	ISOL	ISOL	ISOL
32	COSTAL KARNATAKA	ISOL	DRY	ISOL	DRY	DRY	DRY	DRY
33	NORTH INTERIOR KARNATAKA	ISOL	ISOL	DRY	DRY	ISOL	ISOL	ISOL
34	SOUTH INTERIOR KARNATAKA	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL	ISOL
35	KERALA AND MAHE	SCT	FWS	FWS	SCT	SCT	SCT	SCT
36	LAKSHADWEEP	FWS	FWS	FWS	W3	W3	W3	W3

As the lead period increases forecast accuracy decrease.





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.

Detailed district-wise Multi-Hazard weather warning for next five days available at <https://mausam.imd.gov.in/responsive/districtWiseWarningGIS.php>

Weather forecast over Delhi/NCR during 13th -16th September 2026**Past Weather:**

There has been rise in maximum temperatures by 1-2°C and no large change in minimum temperatures over Delhi during the past 24 hours. The maximum temperatures were found around 34-36°C and the minimum temperatures are in the range 22-26°C respectively during past 24 hours over Delhi. The minimum temperatures are above normal (1.6 to 3.0°C) at a few places, below normal (-1.6 to -3.0°C) at isolated places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. The maximum temperatures were above normal (1.6 to 3.0°C) at a few places and normal (-1.5°C to 1.5°C) over remaining parts of Delhi. Generally cloudy sky with surface wind speed 20 kmph gusting to 40 kmph from the east direction prevailed over Delhi during past 24 hours. Very light to light rain at many places has been occurred over Delhi during past 24 hours. Partly cloudy sky with surface wind speeds up to 20 kmph from the southeast direction likely to prevail during forenoon over the region today.

Weather Forecast:

13.09.2026: Partly cloudy sky. A spell of very light to light rain accompanied with thunderstorm/lightning at isolated places during afternoon to evening. The maximum temperatures over Delhi are likely to be in the range of 34-36°C. The maximum temperatures will be above normal (1.6°C to 3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with surface wind speed reaching up to 20 kmph during the afternoon. The surface wind speed will decrease becoming up to 15 kmph from the southeast direction during evening and night hours.

14.09.2026: Generally cloudy sky. A spell of very light to light rain at a few places during morning hours. Another spell of very light to light rain during afternoon to evening. The maximum and minimum temperatures over Delhi are likely to be in the range of 32°C to 34°C and 23°C to 25°C, respectively. The minimum temperature will be below normal (-1.6°C to -3.0°C) at most places, and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind speed reaching up to 15 kmph during the morning hours. The surface wind speed will increase becoming up to 20 kmph from the southeast direction during afternoon. The surface wind speed will decrease becoming up to 15 kmph from the east direction during evening and night hours.

15.09.2026: Generally cloudy sky. A spell of very light to light rain at a few places during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 31°C to 33°C and 23°C to 25°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places and the maximum temperatures will be below normal (-1.6°C to -3.0°C) at most places over Delhi. The predominant surface wind is likely to be from the southeast direction with wind speed reaching up to 18 kmph during the morning hours. The surface wind speed will decrease becoming up to 15 kmph from the southeast direction during afternoon. The surface wind speed will decrease becoming up to 10 kmph from the southeast direction during evening and night hours.

16.09.2026: Generally cloudy sky. A spell of very light to light rain at isolated places during forenoon to afternoon. The maximum and minimum temperatures over Delhi are likely to be in the range of 33°C to 35°C and 23°C to 25°C, respectively. The minimum temperature will be near normal (-1.5°C to 1.5°C) at most places and the maximum temperatures will be near normal (-1.5°C to 1.5°C) at most places over Delhi. The predominant surface wind is likely to be from the south direction with wind speed reaching up to 10 kmph during the morning hours. The surface wind speed will increase becoming up to 15 kmph from the south direction during afternoon. The surface wind speed will decrease becoming up to 12 kmph from the southwest direction during evening and night hours.

Impact Expected and Action Suggested due to very heavy rainfall:

- ❖ Isolated very heavy rainfall likely over Konkan & Goa on 13th September; Gujarat Region on 14th September; Saurashtra & Kutch during 13th-14th September.
- ❖ Isolated extremely heavy rainfall likely over Gujarat Region and north Madhya Maharashtra on 13th September.

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

Agromet advisories for likely impact of Heavy Rainfall

- In **Gujarat**, ensure continuous and effective drainage to remove excess water from sugarcane, cotton, rice, pigeon pea, castor, sorghum, maize and groundnut fields. Prevent lodging of tall sugarcane by tying canes with dry leaves or bamboo sticks, and postpone irrigation, fertilizer application and plant-protection operations during wet conditions.
- In **West Madhya Pradesh**, ensure proper drainage in soybean, cotton, maize and sugarcane fields to prevent waterlogging.
- In **Konkan and Goa**, drain out excess rainwater from rice, finger millet, turmeric, groundnut, vegetables and orchards and keep drainage channels clear. Manage rice at the panicle initiation/flowering stage by preventing prolonged water stagnation and postpone field operations during wet conditions.
- In **Madhya Maharashtra**, harvest matured green gram and black gram and keep the produce at safer places. Drain excess water from finger millet, groundnut, vegetables and orchards and postpone irrigation, intercultural operations and fertilizer or plant-protection applications in saturated fields.
- In **Saurashtra and Kutch**, ensure adequate drainage in standing kharif crops to prevent waterlogging and avoid irrigation and fertilizer application during wet conditions. Monitor major kharif crops for pest and disease incidence and undertake plant-protection measures only during a sufficiently rain-free period.
- In **Arunachal Pradesh**, harvest mature upland/Jhum rice, soybean and vegetables and immediately shift the produce to safe, covered shelters. Maintain drainage in millet fields and strengthen trellises and supports for cucumber and other gourds to minimise damage from heavy rain.
- In **Assam and Meghalaya**, drain excess water from maize, black gram, green gram and sesame fields and maintain proper water levels in rice. Provide support to papaya, banana and weak-stemmed crops; harvest pumpkins and bottle gourd before rainfall where possible and maintain proper drainage in rice, maize and vegetable fields.
- In **Sub-Himalayan West Bengal and Sikkim**, maintain safe water levels in rice and keep drainage channels clear in rice and green gram fields to prevent waterlogging. Protect pointed gourd and other vulnerable vegetables from heavy rain and monitor tomato, chilli, ginger and cucurbits for disease under prolonged humid conditions.
- In **Punjab**, maintain proper drainage in standing crop fields and postpone irrigation, intercultural operations and fertilizer or plant-protection applications during wet conditions. Protect cotton during the flowering and fruiting stages from prolonged waterlogging and harvest mature pearl millet wherever field conditions permit.

- In **Haryana**, maintain proper drainage in standing crop and vegetable fields to prevent waterlogging and postpone irrigation, intercultural operations and fertilizer or plant-protection applications during wet conditions..
- In **East Madhya Pradesh**, ensure proper drainage in soybean, maize, pulses and vegetable fields and avoid unnecessary irrigation during wet conditions. In soybean at pod-forming stage and maize at silking/flowering stage, postpone plant-protection and fertilizer operations until clear, dry conditions; undertake earthing-up in maize where field conditions permit.
- In **Marathwada**, harvest matured maize, green gram and black gram and keep the produce at safer places. Drain excess water from kharif crops, orchards, vegetables and floricultural crops.
- In **Vidarbha**, harvest matured green gram and black gram as early as possible and keep the produce at safer places. Drain excess water from rice, soybean, cotton, pigeon pea, maize, vegetable fields and orchards; protect newly planted orchards and vegetables with mechanical support.
- In **Odisha**, drain out excess rainwater immediately from rice, maize, millets, ginger, turmeric, vegetables, pulses and orchards and keep drainage channels clear. Cover vegetable nurseries, undertake earthing-up in newly planted banana and provide staking to vegetables; continue field operations only after rainfall stops and the soil becomes workable.
- In **Nagaland, Manipur, Mizoram and Tripura**, maintain proper drainage in rice, soybean, black gram, ginger, turmeric and vegetable fields to prevent water stagnation. Keep rice bunds intact while providing outlets for excess water, support vulnerable crops, and harvest matured Naga chillies and Aus rice wherever field conditions permit.
- In **Coastal Andhra Pradesh**, drain excess water from rice, groundnut, maize, kodo millet, turmeric, coffee plantations, orchards and vegetables and avoid field operations when the soil is sticky. Provide bamboo props or ties to banana plants to prevent lodging and pseudostem snapping during strong winds and rain.

Agromet advisories for likely impact of Thunderstorm / Gusty Winds

- Shift the harvested produce in safer places or cover the produce with tarpaulin sheets in the fields. Tie the harvested crops securely and cover them to minimize the risk of displacement from strong surface winds
- 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

Livestock / Poultry / Fisheries

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

Flash Flood Guidance:

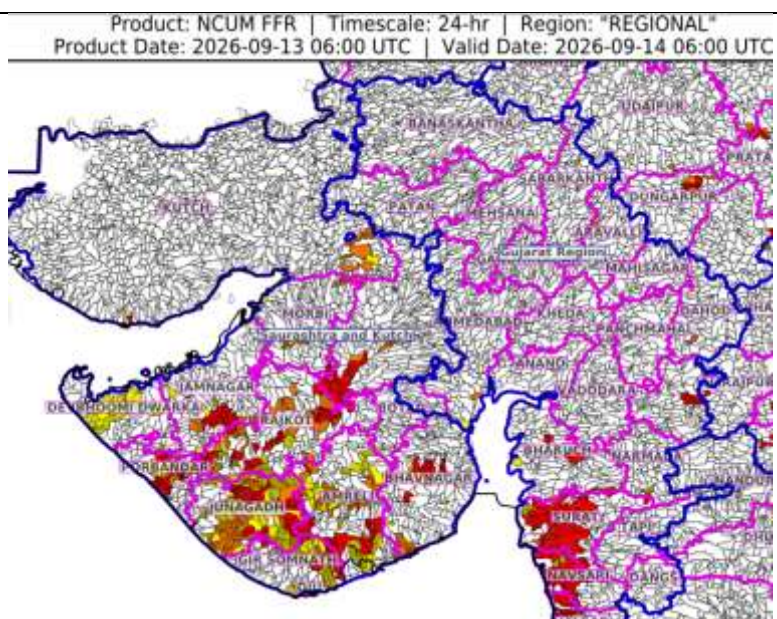
Flash Flood Risk (FFR) till 1130 IST of 14-09-2026:

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

Gujarat Region: Valsad, Surat, Navsari and Bharuch districts.

Saurashtra & Kutch: Bhavnagar, Amreli, Surendranagar, Rajkot, Gir Somnath, Junagadh and Porbandar 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.



Legends & abbreviations:

Heavy Rain:64.5115.5mm; **Very Heavy Rain:**115.6204.4mm; **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.

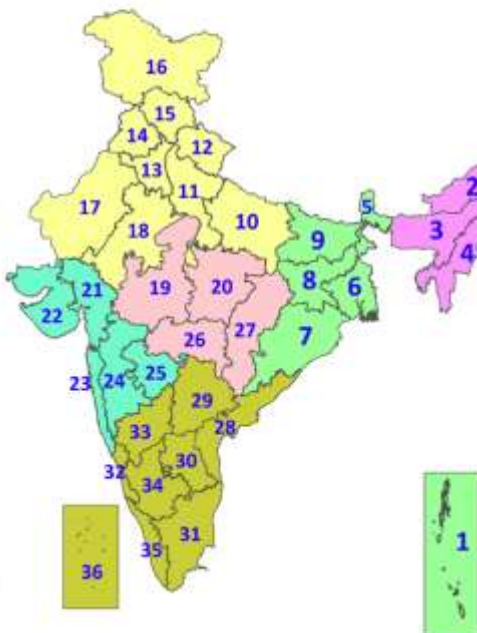
Northeast India: Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.

West India: Gujarat Region, Saurashtra & Kutch, Coastal Maharashtra (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.

LEGENDS

1. अंडमान और निकोबार द्वीपसमूह
2. अरुणाचल प्रदेश
3. असम और मेघालय
4. नागालैंड, मणिपुर, मिजोरम और त्रिपुरा
5. उप-हिमालयी पश्चिम बंगाल और सिक्किम
6. गंगीय पश्चिम बंगाल
7. ओडिशा
8. झारखंड
9. बिहार
10. पूर्वी उत्तर प्रदेश
11. पश्चिम उत्तर प्रदेश
12. उत्तराखंड
13. हरियाणा, चंडीगढ़ और दिल्ली
14. पंजाब
15. हिमाचल प्रदेश
16. जम्मू और कश्मीर और लद्दाख
17. पश्चिम राजस्थान
18. पूर्वी राजस्थान
19. पश्चिम मध्य प्रदेश
20. पूर्वी मध्य प्रदेश
21. गुजरात
22. सौराष्ट्र
23. कोंकण और गोवा
24. मध्य महाराष्ट्र
25. मराठवाड़ा
26. विदर्भ
27. छत्तीसगढ़
28. तटीय आंध्र प्रदेश और यनम
29. तेलंगाना
30. रायलसीमा
31. तमिलनाडु, पुडुचेरी और कराईकल
32. तटीय कर्नाटक
33. आंतरिक उत्तरी कर्नाटक
34. आंतरिक दक्षिणी कर्नाटक
35. केरल और माहे
36. लक्षद्वीप



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

SPATIAL DISTRIBUTION (% of Stations reporting)

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

- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |

COLOUR CODED WARNING

- No Warning (No Action)
- Watch (Be Aware)
- Alert (Be Prepared To Take Action)
- Warning (Take Action)

Probabilistic Forecast

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

DEFINITION/CRITERIA

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 *
Heat Wave	When maximum temperature of a station reaches $\geq 40^{\circ}\text{C}$ for plains and $\geq 30^{\circ}\text{C}$ for hilly regions (a) Based on Departure from normal Heat Wave: Maximum Temperature Departure from normal 4.5°C to 6.4°C . Severe Heat Wave: Maximum Temperature Departure from normal $\geq 6.5^{\circ}\text{C}$ (b). Based on Actual maximum temperature Heat Wave: When actual maximum temperature $\geq 45^{\circ}\text{C}$. Severe Heat Wave: When actual maximum temperature $\geq 47^{\circ}\text{C}$. (c). Criteria for heat wave for coastal stations When maximum temperature departure is $> 4.5^{\circ}\text{C}$ from normal. Heat Wave may be described provided maximum temperature $\geq 37^{\circ}\text{C}$
Warm Night	When maximum temperature remains 40°C Warm Night: When minimum temperature departure 4.5°C to 6.4°C . Severe Warm Night: When minimum temperature departure $> 6.4^{\circ}\text{C}$.
Cold Wave	When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions. (a). Based on departure Cold Wave: Minimum Temperature Departure from normal -4.5°C to -6.4°C . Severe Cold Wave: Minimum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$ (b) Based on actual Minimum Temperature (for Plains only) Cold Wave: When Minimum Temperature is $\leq 4.0^{\circ}\text{C}$ Severe Cold Wave: When Minimum Temperature is $\leq 2.0^{\circ}\text{C}$ (c) For Coastal Stations When Minimum Temperature departure is $\leq -4.5^{\circ}\text{C}$ & actual Minimum Temperature is $\leq 15^{\circ}\text{C}$
Cold Day	When minimum temperature of a station $\leq 10^{\circ}\text{C}$ for plains and $\leq 0^{\circ}\text{C}$ for hilly regions Based on departure Cold Day: Maximum Temperature Departure from normal -4.5°C to -6.4°C . Severe Cold Day: Maximum Temperature Departure from normal $\leq -6.5^{\circ}\text{C}$
Fog	Phenomenon of small droplets suspended in air and the horizontal visibility $< 1\text{km}$ Moderate Fog: When the visibility between 500-200 metres Dense Fog: when the visibility between 50- 200 metres Very Dense Fog: when the visibility < 50 metres
Thunderstorm	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.
Frost	Ice deposits on ground Air temperature $\leq 4^{\circ}\text{C}$ (over Plains)
Squall	A strong wind that rises suddenly, lasts for atleast 1 minute. Moderate: Wind speed 52-61 kmph Severe: Wind speed 62-87 kmph Very Severe: Wind speed > 87 kmph
Sea State	Effect of various waves in the sea over specific area Rough to very rough: Wind speed 41-62 kmph (22-33 knots) & Wave height 2.5-6 metre High to very high: Wind speed 63-117 kmph (34-63 knots) & Wave height 6-14 metre Phenomenal: Wind speed > 117 kmph (> 63 knots) & Wave height > 14 metre
Cyclone	Cyclonic Storm: Wind speed 62-87 kmph (34-47 knots) Severe Cyclonic Storm: Wind speed 88-117 kmph (48-63 knots) Very Severe Cyclonic Storm: Wind speed 118-185 kmph (64 - 89 knots) Extremely Severe Cyclonic Storm: Wind speed 186-220 kmph (90 -119 knots) Super Cyclone Storm: Wind speed > 220 kmph (> 119 knots)

* 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.

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