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India Meteorological Department / भारत मौसम विज्ञान विभाग
Meteorological Centre, Kohima / मौसम केंद्र, कोहिमा
Nagaland– 797001/ नागालैंड - 797001

SPECIAL WEATHER BULLETIN

Date: 25.09.2024

Time: 1300 IST

Subject : Heavy to Very Heavy Rainfall activity over Nagaland on 25th September 2024.

- A trough runs from north Konkan to south Bangladesh across the above cyclonic circulation over south Chhattisgarh and extends upto 5.8 km above mean sea level tilting southwards with height.
- Under its influence fairly widespread/widespread rainfall activity with Heavy to Very Heavy Rainfall is very likely at isolated places over Nagaland region on 25th September 2024.

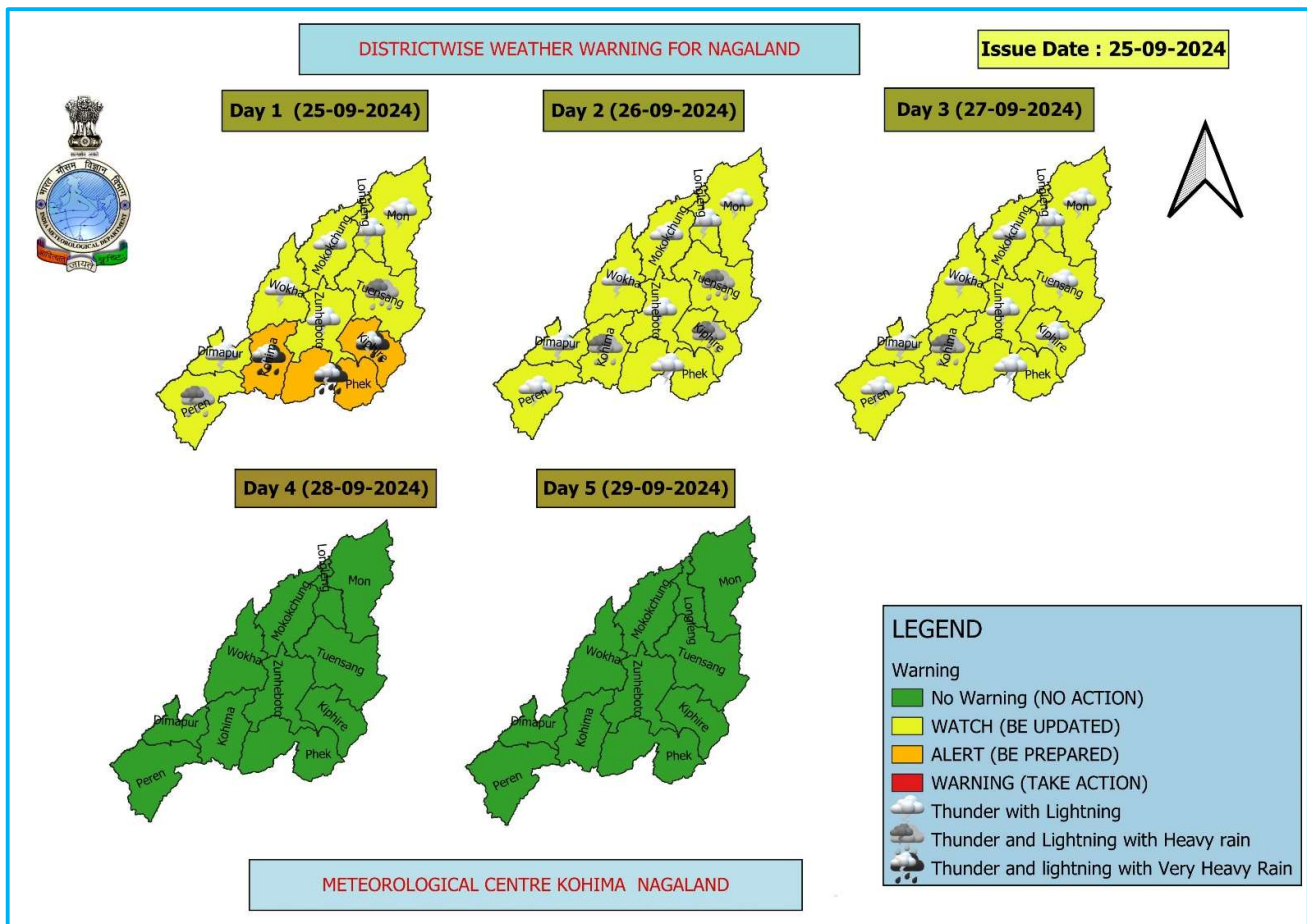
Heavy to Very Heavy Rainfall Warnings for Nagaland on 25th September 2024

Date	Forecast / Warning for Nagaland
25.09.2024	Heavy to Very Heavy Rainfall is very likely at isolated places over Kohima, Kiphire & Phek.
25.09.2024	Heavy Rainfall is very likely at isolated places over Peren & Tuensang.

**Note: Forecast and warnings are valid till 0830 hrs IST of the next day

Chief amount of Rainfall received (≥ 7 cm) in the last 24 hours : NIL

Districtwise Warnings for Nagaland (25 September – 29 September 2024)



Probable Impacts

- ✓ Visibility may become poor due to intense spell of rainfall leading to traffic congestion.
- ✓ Temporary Disruption of traffic due to water logging in roads/ uprooting of trees, leading to increased travel time.
- ✓ Uprooting of trees may cause damages to power sector
- ✓ Possibility of damages to vulnerable structures due to heavy to very heavy rain
- ✓ Partial Damages to Kutcha Houses and Huts due to uprooting of trees.
- ✓ Possibilities of Flash floods due to intense spell of rainfall.
- ✓ Water logging / flooding in many parts of low-lying areas.
- ✓ Landslides/mud slide/land slip very likely.
- ✓ Heavy rainfall may damage the standing crops and vegetables in the maturity stage.
- ✓ Lightning may injure people and cattle at open place.
- ✓ Dispersion of soil from the field and hence seed displacement and poor germination of seeds.

Actions suggested

- Follow traffic advisories issued, if any.
- Avoid staying in vulnerable structure.
- Propping of the vegetable pandals recommended.
- Take shelter during thunderstorm/lightning activities.
- Provide mulch at the base of the crop to prevent soil and root damage.
- Avoid working in the fields during thunderstorm/lightning period and ensure proper mechanism to avoid runoff in case of rain.
- Be Updated.

Legends:

Green: No warning Yellow: Be updated Orange- Be prepared Red- Take action

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

Heavy Rain: 64.5-115.5 mm/day, **Very Heavy Rain:** 115.6-204.4 mm/day, **Extremely Heavy Rain:** >204.5mm/day **Spatial Distribution:** isolated rain (≤25% of stations gets rain), scattered or at a few places rain (26 to 50% of stations gets rain), at many places or fairly widespread rain (51–75% of stations gets rain) and at most places or widespread rain (>75% of stations gets rain)

For Detailed weather forecasts& warnings, kindly visit IMD website (<https://mausam.imd.gov.in/>)

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Kindly download and use "**Mausam**" App for location specific forecast and warning "**Meghdoot**" App for Agromet advisory and "**Damini**" App for Lightning warning

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