



Govt. of India / भारत सरकार

Ministry of Earth Sciences / पृथ्वी विज्ञान मंत्रालय

India Meteorological Department / भारत मौसम विज्ञान विभाग

Regional Meteorological Centre Guwahati / क्षेत्रीय मौसम विज्ञान केंद्र गुवाहाटी

Meteorological Centre Itanagar / मौसम विज्ञान केंद्र ईटानगर

Banderdewa, Arunachal Pradesh – 791123 / बंदरदेवा, अरुणाचल प्रदेश - 791123

Special Weather Bulletin

Date: 31.03.2024

Sub: Increase in the Rainfall Activity over Arunachal Pradesh

A cyclonic circulation lies over Sub-Himalayan West Bengal & Sikkim neighborhood between 1.5 km above mean sea level. Under the influence of the above synoptic conditions and moisture incursion from the Bay of Bengal to northeastern region due to S-ly/SW-ly winds in the lower level, light to moderate rainfall at many to most places with isolated heavy to very Heavy rainfall along with light to moderate thunderstorm & lightning is very likely to occur at isolated places over ARUNACHAL PRADESH region.

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

ARUNACHAL PRADESH: NIL

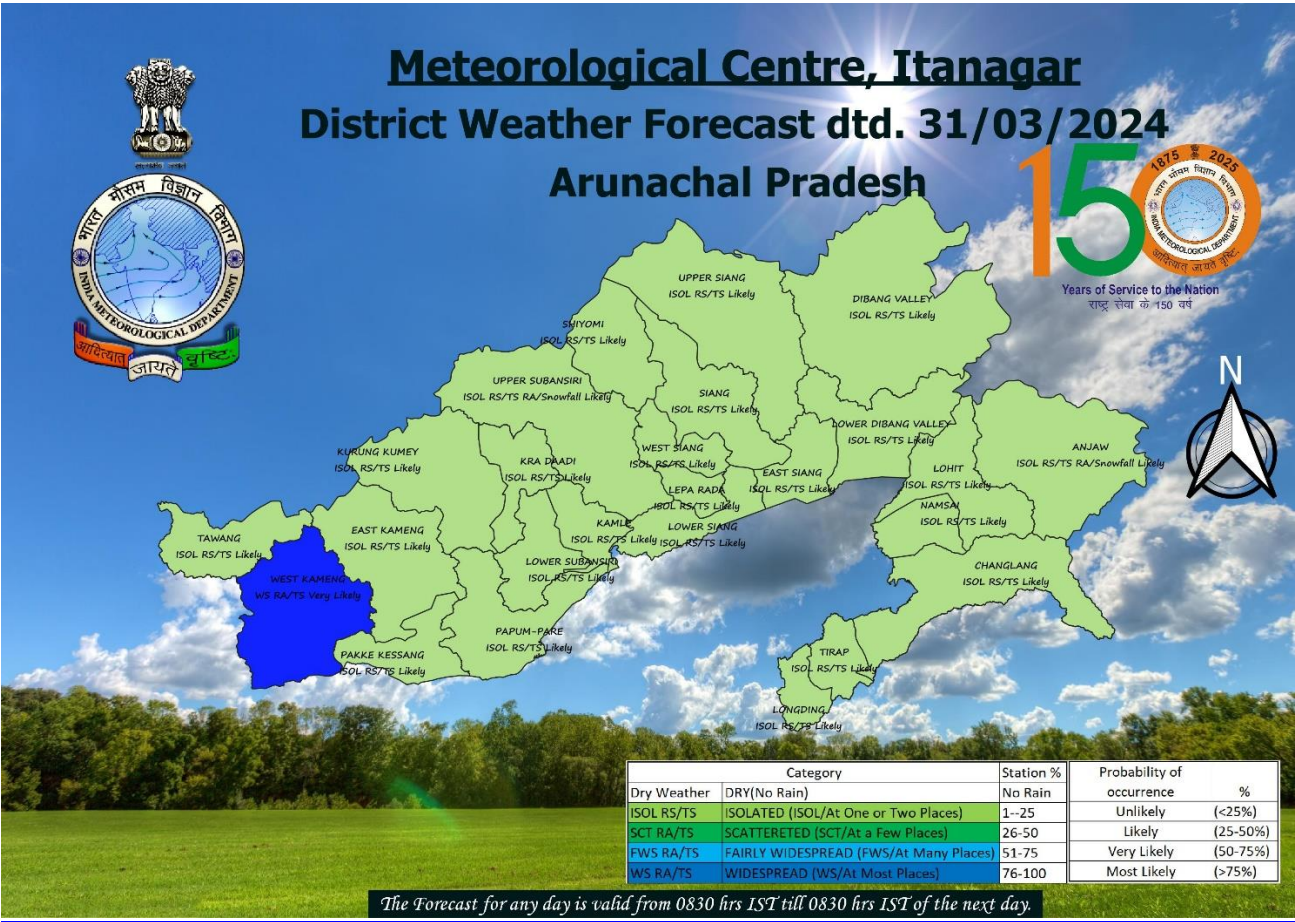
Thunderstorm/Heavy Rainfall Warnings for Arunachal Pradesh for the next five days: -

DATE	Forecast / Warning for ARUNACHAL PRADESH**
31.03.2024	Thunderstorm with lightning and heavy to very heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
01.04.2024	Thunderstorm with lightning and heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
02.04.2024	Thunderstorm with lightning and heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
03.04.2024	Thunderstorm with lightning and heavy rain is very likely to occur at isolated places over Arunachal Pradesh.
04.04.2024	Thunderstorm with lightning and heavy rain is very likely to occur at isolated places over Arunachal Pradesh.

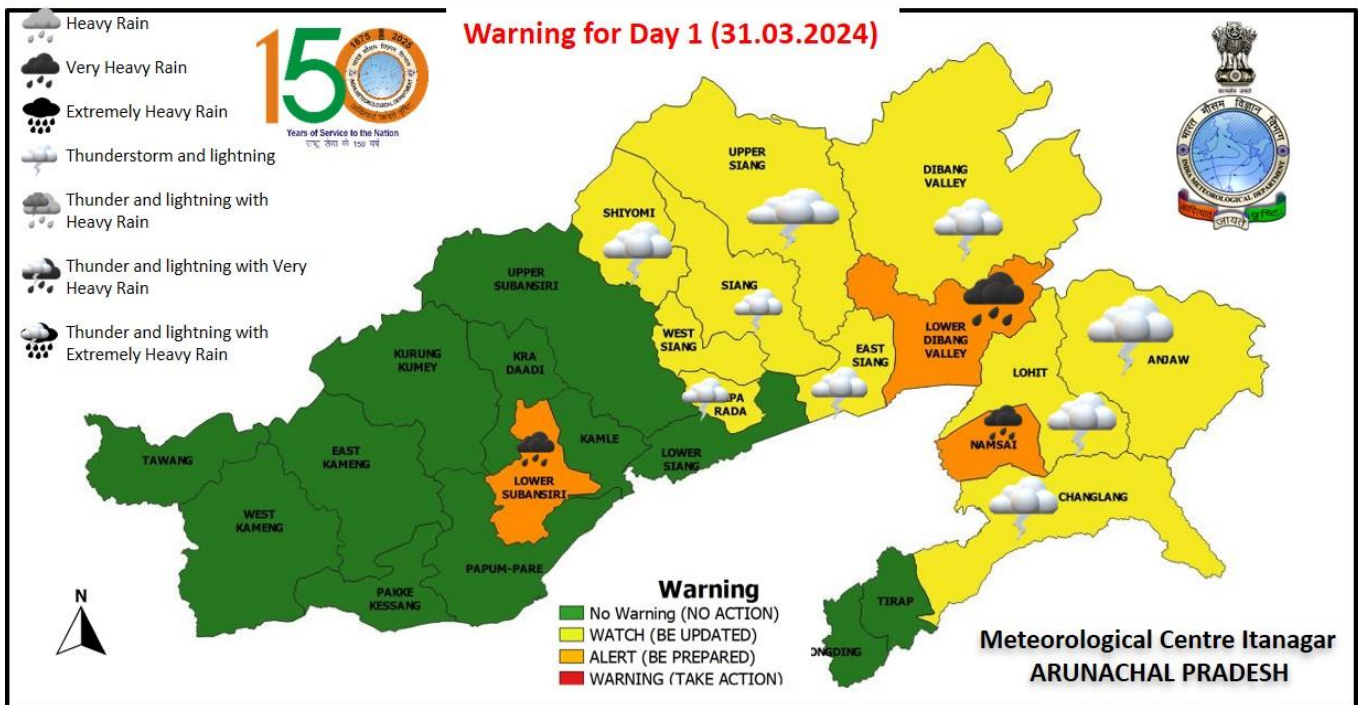
**Note: Forecast and warnings are valid till 0830 hrs IST of the next day

https://mausam.imd.gov.in/itanagar/mcdata/AP_warning.pdf Weather Warning at district level from day-1 to day-5 forecast.

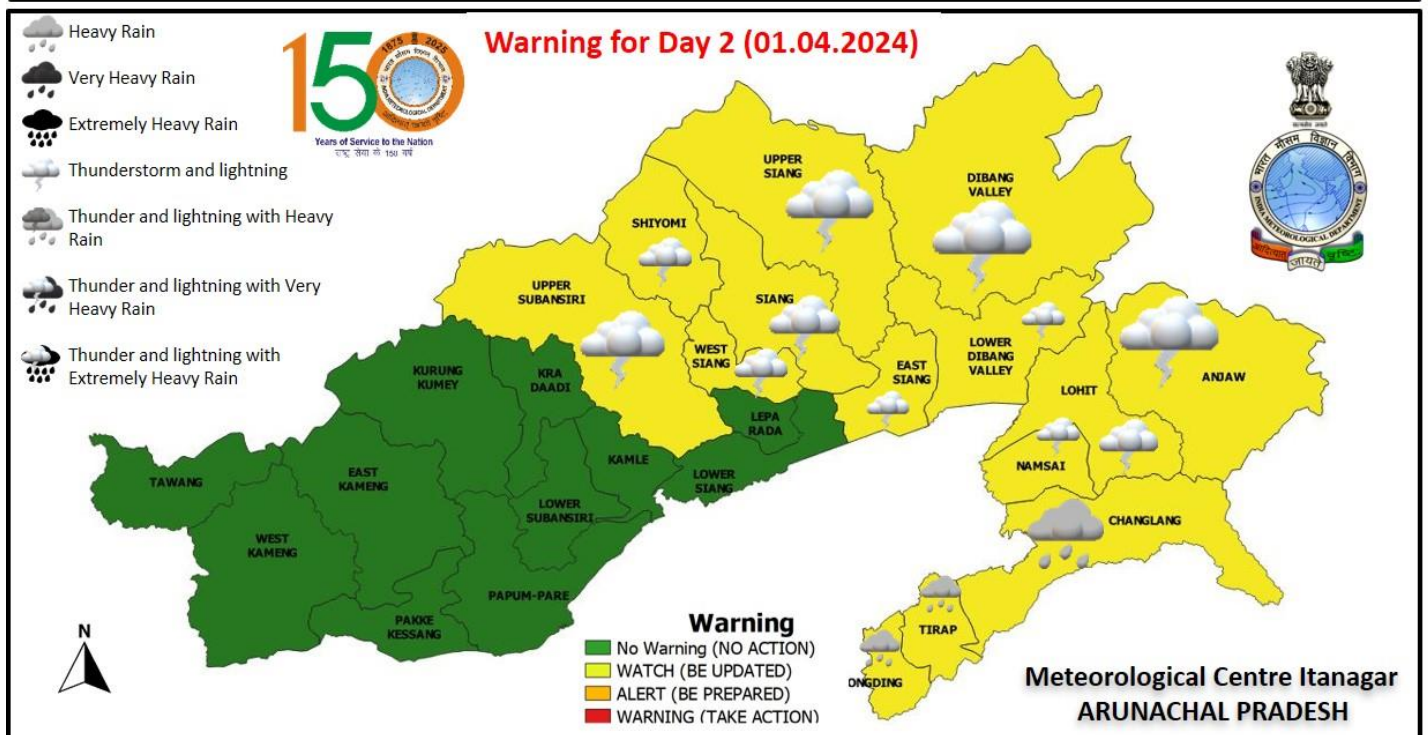
Forecast/Warning Maps:



District-wise warning map of Arunachal Pradesh issued on 31.03.2024



District-wise warning map of Arunachal Pradesh issued on 31.03.2024



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.
- ✓ Water logging / flooding in the low-lying areas.
- ✓ Landslides/mud slide/land slip very likely.
- ✓ Possibility of flash floods due to intense spell of rainfall.
- ✓ Possibility of damages to vulnerable structures due to Heavy rainfall/gusty winds/landslides.
- ✓ Damage to power and communication lines due to breaking of branches.
- ✓ Damage to standing crops including agricultural and horticultural crops due to heavy rain and squally winds.
- ✓ Vulnerable structures like hoardings, tents and display boards may be damaged due to squally winds.
- ✓ 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 going to areas that face water logging problems/river front.
- Avoid staying in vulnerable structure/ landslide prone areas.
- Provide proper drainage in the cropped field if heavy rainfall is expected.
- Propping of the vegetable pandal's recommended.
- Provide mulch at the base of the crop to prevent soil and root damage.
- Postpone sowing of seeds; if already sown, avoid water stagnation in the field and cover the seeded area with natural mulching materials like straw, farm residues etc.
- Be Updated.

*Duty Meteorological Officer
For Head, MC Itanagar,
Arunachal Pradesh*

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 ($\leq 25\%$ of stations gets rain), scattered or at a few places (26 to 50% of stations gets rain), at many places or fairly widespread (51–75% of stations gets rain) and at most places or widespread (>75% of stations gets rain)

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

Phone: 0360-2266190; Fax: 0361-2840238; e-mail: mcitanagar@yahoo.com; mcitanagar@gmail.com

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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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