

## Agromet Advisory Service Bulletin for the State of Sikkim

(Advisories mentioned in the bulletin are prepared by a DAMU in Sikkim)

Bulletin No. 18/2025

Issued on 16.05.2025

### Weather warnings (Sikkim)

- 16 May : Heavy rain very likely to occur at one or two places.
- 17 May: Heavy rain very likely to occur at one or two places.
- 18 May: Heavy rain very likely to occur at one or two places.
- 19 May: Heavy rain very likely to occur at one or two places.
- 20 May: Heavy rain very likely to occur at one or two places.

### Extended Range Forecast at Met-Subdivision Level (21<sup>st</sup> to 27<sup>th</sup> May 2025)

Meteorological Sub-Division	Rainfall	Max Temp	Min Temp
Sikkim and Sub Himalayan West Bengal	Below Normal	Normal	Below Normal

### Likely impacts of weather warnings (General)

- Significant damage to horticulture and other major standing crops.

### Impact based advisories (General)

- Avoid going to areas that face thunderstorm/ hailstorm.

### Likely impacts of weather warnings on Agriculture due to Hailstorm

- Significant damage to horticulture and other major standing crops.
- Hailstones can shred leaves, bruise or puncture fruits and vegetables, and break stems and branches, leading to reduced quality.

### Agromet advisories

- Maintain proper drainage channel in the field. Integrated Nutrient Management practices and Liming is necessary for maize crop for the overall improvement of plant health which enables them to fight against the pest.
- Mulching of rabi crops should be done with locally available forest litters @ 5-10 t/ha to conserve soil moisture.

### Summary of three days rainfall over the State (13 - 15 May 2025) :

Met Sub Division	13-05-2025	14-05-2025	15-05-2025
Sikkim and Sub Himalayan West Bengal	WS	WS	WS

**ISOL:** Isolated *i.e.* Rain at 1 or 2 places

**FWS:** Fairly Widespread *i.e.* Rain at many places

**WS:** Widespread *i.e.* Rain at most places

**SCT:** Scattered *i.e.* Rain at a few places

**DRY:** No rain

### Rainfall forecast for next 5 days

Met Sub Division	16-05-2025	17-05-2025	18-05-2025	19-05-2025	20-05-2025
Sikkim and Sub Himalayan West Bengal	WS	WS	WS	WS	WS

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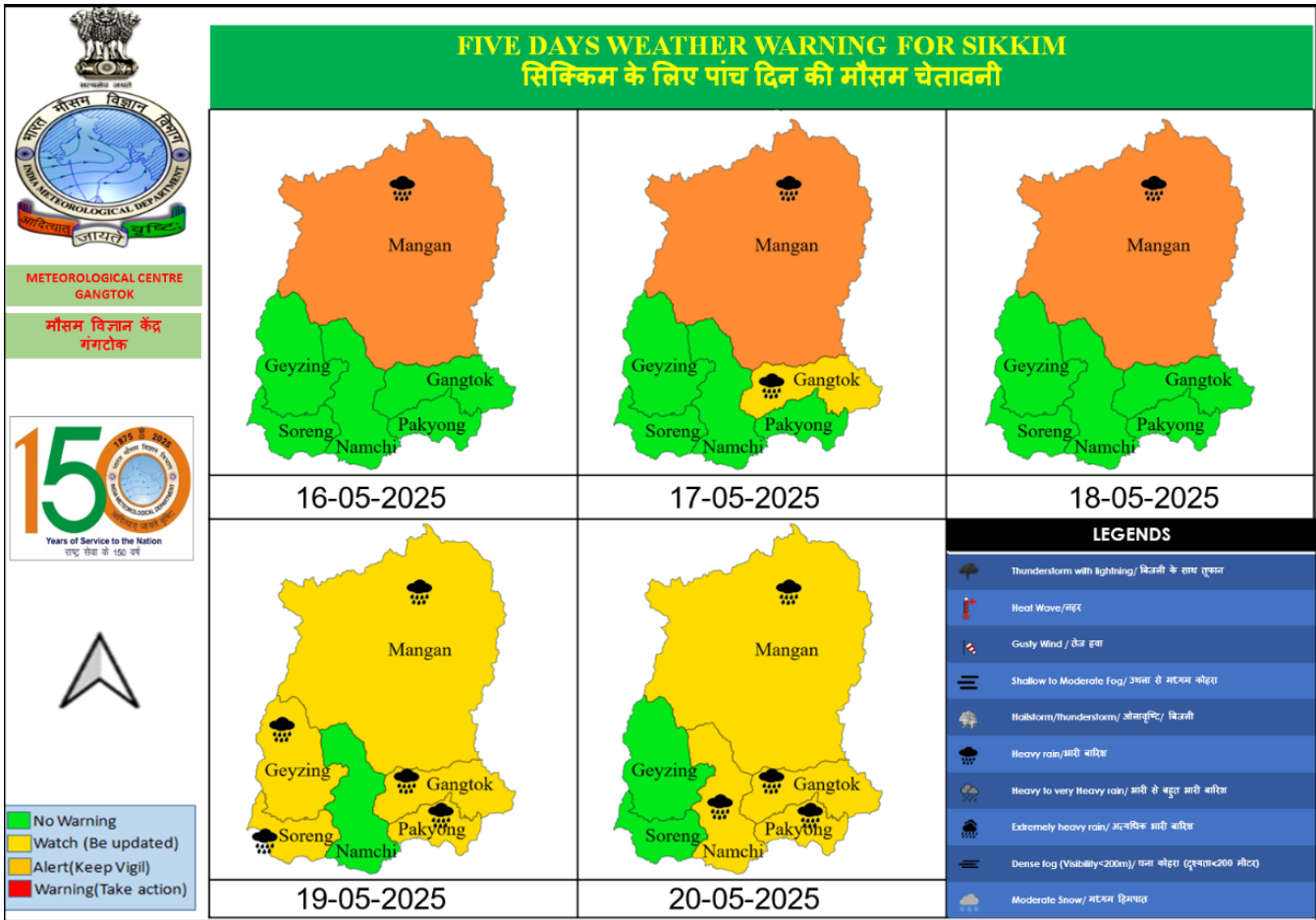
### Agromet Advisories issued by District Agro-Met Unit (DAMU) of Sikkim

#### **DAMU, Gyalshing, Sikkim**

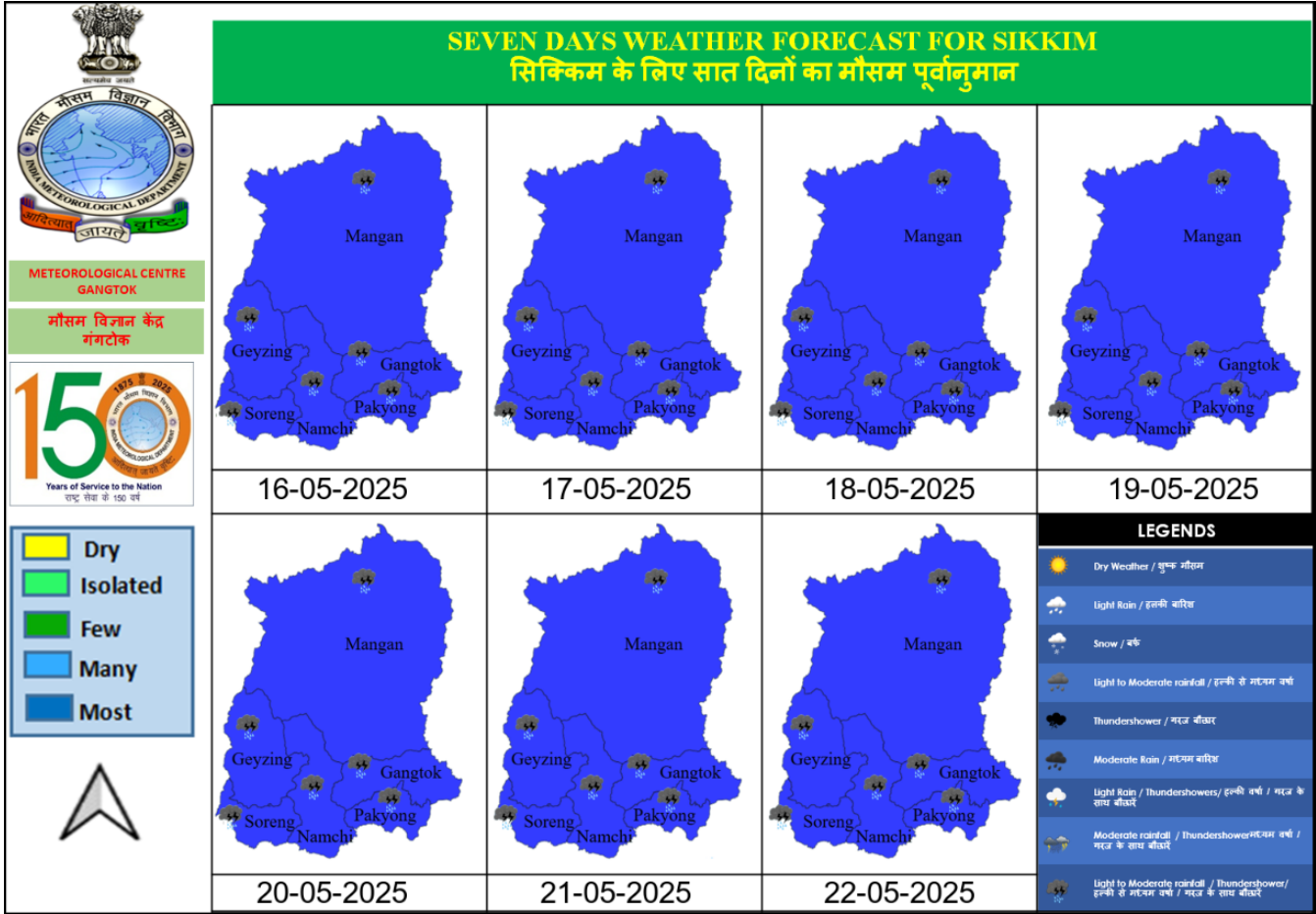
In view of expected hailstorm at isolated places over the state of Sikkim,

- Preventive measures of Fall Army worm/
- Deep ploughing to expose pupae for predation and direct exposure to sunlight.
- Wherever possible, sow early at first rain and follow synchronous planting in entire maize area to reduce population build up multiple generations of FAW.
- Follow proper crop management process through recommended dose of manures and fertilizers.
- Daily monitoring should be followed.
- Start scouting as soon as maize seedlings emerged and observed for the presence of damage symptoms.
- Observe for the presence of egg mass or white patches on leaves. At later stages observe for damage on leaves (elongated holes, torn appearance with frass) Control measures .
- Collection and destruction of egg masses and neonate larvae whenever seen in the field · Application of 5% NSKE/ neem formulation-azadirachtin 10000 ppm@2ml per litre of water to kill eggs and neonate larvae · Spray should be directed into the leaf whorls

**District-level Weather warnings issued by MC Gangtok for the next 5 days**



**Meteorological Subdivision Level Rainfall Weather Forecast for next 7 days**




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1947-2024





## Weather Warning Bulletin for: SIKKIM | Time of origin: 1300 IST

Based on: 0300 UTC observations/Charts and available NWP model outputs | Friday, 16th May 2025

WEATHER FORECAST FOR 7 DAYS							
DISTRICT	DAY 1 VALID FROM 1300 HRS IST OF FRI, MAY 16, 2025 UPTO 0830 HRS IST OF SAT, MAY 17, 2025	DAY 2 VALID FROM 0830 HRS IST OF SAT, MAY 17, 2025 UPTO 0830 HRS IST OF SUN, MAY 18, 2025	DAY 3 VALID FROM 0830 HRS IST OF SUN, MAY 18, 2025 UPTO 0830 HRS IST OF MON, MAY 19, 2025	DAY 4 VALID FROM 0830 HRS IST OF MON, MAY 19, 2025 UPTO 0830 HRS IST OF TUE, MAY 20, 2025	DAY 5 VALID FROM 0830 HRS IST OF TUE, MAY 20, 2025 UPTO 0830 HRS IST OF WED, MAY 21, 2025	DAY 6 VALID FROM 0830 HRS IST OF WED, MAY 21, 2025 UPTO 0830 HRS IST OF THU, MAY 22, 2025	DAY 7 VALID FROM 0830 HRS IST OF THU, MAY 22, 2025 UPTO 0830 HRS IST OF FRI, MAY 23, 2025
	WARNING	WARNING	WARNING	WARNING	WARNING	WARNING	WARNING
GANGTOK	Nil	Heavy rain very likely to occur at one or two places	Nil	Heavy rain very likely to occur at one or two places	Heavy rain very likely to occur at one or two places	Nil	Nil
GEYZING	Nil	Nil	Nil	Heavy rain very likely to occur at one or two places	Nil	Nil	Nil
MANGAN	Heavy rain very likely to occur at one or two places	Heavy rain very likely to occur at one or two places	Heavy rain very likely to occur at one or two places	Heavy rain very likely to occur at one or two places	Heavy rain very likely to occur at one or two places	Nil	Nil
NAMCHI	Nil	Nil	Nil	Nil	Heavy rain very likely to occur at one or two places	Nil	Nil
PAKYONG	Nil	Nil	Nil	Heavy rain very likely to occur at one or two places	Heavy rain very likely to occur at one or two places	Nil	Nil
SORENG	Nil	Nil	Nil	Heavy rain very likely to occur at one or two places	Nil	Nil	Nil