GOVERNMENT OF INDIA
भारत सरकार
INDIA METEOROLOGICAL DEPARTMENT
भारत मौसम विज्ञान विभाग
METEOROLOGICAL CENTRE, GANGTOK
मौसम विज्ञान केंद्र, गंगटोक

# MONTHLY WEATHER REPORT FOR SIKKIM

## सिक्किम राज्य के लिए मासिक मौसम रिपोर्ट

## OCTOBER 2026

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## Summary of the Weather over Sikkim during the month:

- **The state has received 79.4 mm rainfall against the normal value of 140.1 mm.**
- **Gangtok, Pakyong, Mangan, Namchi, Gyalshing & Soreng districts of Sikkim have received 87.2 mm, 61.2 mm, 59.4 mm, 112.2 mm, 153.8 mm & 81.5 mm rainfall against normal values of 161.7 mm, 88.2 mm, 150.2 mm, 76.9 mm, 122.3 mm and 122.3 mm respectively.**
- **The capital city Gangtok has experienced the warmest day with Maximum Temperature: 25.4°C on 28th October, the coldest night with Minimum Temperature: 12.1°C on 24th October.**

## Special findings related to Gangtok during the month of October 2026:

- **Gangtok:** **The highest maximum temperature recorded for the month of October 2026 reached 25.4°C (on 28-10-2026), marking the highest temperature ever documented since October 2007, when the temperature peaked at 25.7°C.**
- **Tadong:** **NIL.**

## Significant Synoptic Situation:

**On 01.10.2026 the upper air cyclonic circulation over northeast Assam & neighbourhood persisted and now extends upto 1.5 km above mean sea level. The upper air cyclonic circulation over Southeast Uttar Pradesh & adjoining Bihar lied over East Uttar Pradesh & adjoining Bihar at 3.1 km above mean sea level. On 02.10.2026 the upper air cyclonic circulation over Sikkim & neighbourhood between 1.5 & 3.1 km above mean sea level persists. The upper air cyclonic circulation over central Assam & neighbourhood lied over northeast Assam & neighbourhood and extends upto 1.5 km above mean sea level. On 03.10.2026 the upper air cyclonic circulation over northeast Assam & neighbourhood extending upto 1.5 km above mean sea level persisted and a north-south trough aloft at 3.1 km above mean sea level ran roughly along 92.5° E/24.8° N. The upper air cyclonic circulation over East Uttar Pradesh & adjoining Bihar at 3.1 km above mean sea level persisted. On 04.10.2026 an upper air cyclonic circulation laid over Sikkim & neighbourhood at 3.1 km above mean sea level. A trough ran from northeast Bihar to Northwest Bay of Bengal across Jharkhand and Gangetic West Bengal at 0.9 km above mean sea level. On 06.10.2026 the trough from north Sub-Himalayan West Bengal to Madhya Maharashtra across Bihar, Jharkhand, Vidarbha & Marathwada at 5.8 km above mean sea level persisted. On 07.10.2026 the trough from Sub-Himalayan West Bengal to Konkan & Goa now runs from Sub-Himalayan West Bengal to South Interior Karnataka across Bihar, Jharkhand, Chhattisgarh, Vidarbha, Marathawada, North Interior Karnataka at 5.8 km above mean sea level persisted. On 08.10.2026 an upper air cyclonic circulation lied over northeast Bihar & neighbourhood between 3.1 & 4.5 km above mean sea level persisted. An upper air cyclonic circulation lied over northeast Assam & neighbourhood at 1.5 km above mean sea level. On 09.10.2026 the trough from north Bangladesh & adjoining Assam to Telangana ran from west Assam to Telangana across north Bangladesh, Sub-Himalayan West Bengal & Sikkim, Jharkhand, Odisha and Chhattisgarh at 5.8 km above mean sea level persisted . An upper air cyclonic circulation lied over east Assam & neighbourhood at 1.5 km above mean sea level persisted. On 14.10.2026 the upper air cyclonic circulation over Northeast Uttar Pradesh & adjoining Bihar persisted and extending up to 4.5 km above mean sea level. An upper air cyclonic circulation lied over Central Assam & neighbourhood between 1.5 & 3.1 km above mean sea level persisted. On 20.10.2026 the upper air cyclonic circulation over Gulf of Thailand & neighborhood extending up to 3.1 km above mean sea level persists. On 21.10.2026 the upper air cyclonic circulation over Gulf of Thailand and adjoining Thailand & Myanmar persists and now extends up to 5.8 km above mean sea level at 0830 Hrs IST of today, 21st October. It is likely to emerge into north Andaman Sea by today, 21st October. Thereafter it will move west-north-westwards. Under its influence a low-pressure area is likely to form over Southeast and adjoining East-central Bay of Bengal around 23rd October, 2026. Then it is likely to move north-westwards and intensify further during subsequent 3 days. On 22.10.2026 the upper air cyclonic circulation over North Andaman Sea off Andaman Islands moved west northwestwards and lay over southeast & adjoining east central Bay of Bengal and Andaman Islands at 0830 hours IST of today, the 22nd October. It is very likely to move west-northwestwards and under its influence a low-pressure area is likely to form over Southeast and adjoining East central Bay of Bengal around 23rd October, 2026. Then it is likely to move west-northwestwards and intensify further. An upper air cyclonic circulation lies over North Bangladesh at 1.5 km above mean sea level. On 22.10.2026 An upper air cyclonic circulation lies over North Bangladesh at 1.5 km above mean sea level. On 23.10.2026 Under the influence of the upper air cyclonic circulation over southeast and adjoining east central Bay of Bengal and Andaman Islands, a Low Pressure Area has formed over**

**southeast and adjoining east central Bay of Bengal at 0530 hrs IST of today, the 23rd October 2026. The associated cyclonic circulation extends upto 5.8 km above mean sea level. It is most likely to persist over the same region and intensify into a depression on 24th October, 2026. Thereafter, it is very likely to move west-northwestwards and intensify further into a deep depression on 25th October & into a cyclonic storm over the Westcentral Bay of Bengal by 26th October morning. It would then continue to intensify further and move westnorthwestwards towards North Andhra Pradesh and adjoining South Odisha coasts during subsequent 2 days. On 24.10.2026 The Well Marked Low Pressure Area over Eastcentral and adjoining Southeast Bay of Bengal persists at 0830 hours IST of today, the 24th October, 2026. The associated cyclonic circulation extends upto 5.8km above mean sea level. It is most likely to persist over the same region and intensify into a depression today, the 24th October, 2026. Thereafter, it is very likely to move westnorthwestwards and intensify further into a deep depression on 25th October & into a cyclonic storm over the Westcentral Bay of Bengal by 26th October morning. Moving west-northwestwards, it would continue to intensify further and reach over Westcentral Bay of Bengal near Andhra Pradesh coast around morning of 28th October, 2026. On 25.10.2026 The Depression over Eastcentral and adjoining Southeast Bay of Bengal remained practically stationary during past 3 hours, and lay centered at 0830 hours IST of today, the 25th October, 2026 over the same region, near Latitude 15.3°N and Longitude 91.2°E, about 440 km north-northwest of Sri Vijaya Puram (Andaman Islands), 880 km east-southeast of Vishakhapatnam (Andhra Pradesh), 980 km east-southeast of Kakinada (Andhra Pradesh), 1080 km east of Machilipatnam (Andhra Pradesh) and 1150 km east of Bapatla (Andhra Pradesh). It is very likely to move nearly southwards, intensify into a Deep Depression and then gradually recurve west-northwestwards over the Eastcentral & adjoining Southeast Bay of Bengal today, the 25th October. Continuing to move westnorthwestwards, it is very likely to intensify further into a cyclonic storm over the Eastcentral & adjoining Westcentral Bay of Bengal by 26th October morning, and into a severe cyclonic storm over westcentral Bay of Bengal around morning of 27th October, 2026. Thereafter, it is very likely to move northwestwards, intensify further into a very severe cyclonic storm and reach Westcentral Bay of Bengal near Andhra Pradesh coast around morning of 28th October, 2026. It is very likely to cross Andhra Pradesh & Yanam coasts between Bapatla and Visakhapatnam as a very severe cyclonic storm with the maximum sustained wind speed of 115-125 kmph gusting to 140 kmph by forenoon of 28th October, 2026. On 26.10.2026 The cyclonic storm "Arnab" [Pronunciation :Ornab]" over Eastcentral and adjoining Westcentral Bay of Bengal moved westwards with a speed of 15 kmph during last 6 hours, lay centered at 0830 hrs IST of today, the 26th October, 2026 over the same region near latitude 15.4°N and longitude 88.5°E, 580 km southeast of Gopalpur (Odisha), 610 km east-southeast of Vishakhapatnam (Andhra Pradesh), 620 km northwest of Sri Vijaya Puram (Andaman Islands), 690 km east-southeast of Kakinada (Andhra Pradesh), 790 km east-southeast of Machilipatnam (Andhra Pradesh) and 860 km east-southeast of Bapatla (Andhra Pradesh). It is very likely to move west-northwestwards and intensify further into a severe cyclonic storm over westcentral Bay of Bengal by midnight of today, the 26th October and into a very severe cyclonic storm over the same region on 27th October. Thereafter, it is very likely to move northwestwards and cross Andhra Pradesh & Yanam coasts between Bapatla and Visakhapatnam close to Yanam as a very severe cyclonic storm with the maximum sustained wind speed of 115-125 kmph gusting to 140 kmph by forenoon of 28th October, 2026.On 27.10.2026 The very severe cyclonic storm "Arnab" [Pronunciation :Ornab] over Westcentral Bay of Bengal moved nearly west-northwestwards with a speed of 20 kmph during past 6 hours, and lay centered at 0830 hrs IST of today, the 27th October, 2026 over the same region near latitude 16.0°N and longitude 84.3°E, 220 km south-southeast of Vishakhapatnam**

**(Andhra Pradesh), 240 km east-southeast of Kakinada (Andhra Pradesh), 340 km east-southeast of Machilipatnam (Andhra Pradesh), 370 km south of Gopalpur (Odisha), 410 km east of Bapatla (Andhra Pradesh) and 1030 km west-northwest of Sri Vijaya Puram (Andaman Islands). It is very likely to move west-northwestwards till evening of 27th October. Thereafter, it is very likely to move northwestwards and cross Andhra Pradesh & Yanam coasts between Bapatla and Visakhapatnam, close to Yanam as a very severe cyclonic storm with the maximum sustained wind speed of 125-135 kmph gusting to 150 kmph by forenoon of 28th October, 2026. On 28.10.2026 The very severe cyclonic storm "Arnab" over Westcentral Bay of Bengal off Andhra Pradesh coast moved slowly northwestwards, crossed Andhra Pradesh & Yanam coasts between Bapatla and Visakhapatnam to the Southwest of Yanam near latitude 16.450N and 81.90E, about 20 km eastnortheast of Narsapur, 40 km southwest of Yanam and 60 km southwest of Kakinada during 0200 - 0800 hours IST of today, the 28th October, 2026 as a very severe cyclonic storm with the maximum sustained wind speed of 125-135 kmph gusting to 150 kmph. Latest observations indicate that the landfall process completed with the central region moving completely into land by 0800 hrs IST. Continuing to move further northwestwards, it lay centered at 0830 hrs IST of today, the 28th October, 2026 over Coastal Andhra Pradesh & Yanam and adjoining Westcentral Bay of Bengal, near latitude 16.5°N and longitude 81.9°E, about 20 km east-nortrheast of Narsapur (Andhra Pradesh), 40 km southwest of Yanam (Puducherry UT), 60 km southwest of Kakinada (Andhra Pradesh), 90 km eastnortheast of Machilipatnam (Andhra Pradesh), 120 km east of Gannavaram (Andhra Pradesh) and 120 km southwest of Tuni. It is very likely to move north-northwestwards during next 48 hours and weaken gradually. It will weaken into a Cyclonic Storm during next 06 hours and further into a Deep Depression during subsequent 06 hours. The upper air cyclonic circulation over south Andaman Sea & neighbourhood extending upto 5.8 km above mean sea level persists. Under its influence, a low pressure area is likely to form over the same region during next 24 hours. On 29.10.2026 the Depression (Remnant of Very Severe Cyclonic Storm "Arnab") over south Chhattisgarh and adjoining south Odisha moved nearly northwards with the speed of 18 kmph during past 6 hours, and laid centered at 0830 hrs IST of today, the 29th October, over the same region near latitude 19.4°N and longitude 81.9°E, about 40 km north-northwest of Jagdalpur (Chhattisgarh), 180 km southwest of Titlagarh (Odisha), 150 km west-southwest of Bhawanipatna (Odisha), 200 km south of Raipur (Odisha), and 310 km southwest of Sambalpur (Odisha). It was very likely to continue to move nearly northwards, and weaken into a well marked low pressure area over North Chhattisgarh and adjoining Northwest Odisha around evening of today, the 29th October 2026. On 30.10.2026 the Well Marked Low Pressure Area (Remnant of Very Severe Cyclonic Storm "Arnab") over north Chhattisgarh & neighbourhood laid over north Chhattisgarh & adjoining East Madhya Pradesh as a Low Pressure Area at 0830 hrs IST of 30th October, 2026. The associated cyclonic circulation extends upto 4.5 km above mean sea level. On 31.10.2026 The Low-Pressure Area (Remnant of Very Severe Cyclonic Storm "Arnab")over southeast Uttar Pradesh & neighbourhood persisted over the same region at 0830 hrs IST of 31st October, 2026. However, the associated cyclonic circulation extended up to 1.5 km above mean sea level as the system is under the influence of extra tropical westerlies.**

## ❖ Rainfall observed during the month:

- During the month, the state has received 79.4 mm (-43%) rainfall against the normal value of 140.1 mm.
- Gangtok, Pakyong, Mangan, Namchi, Gyalshing & Soreng districts of Sikkim have received 87.2 mm (-46%), 61.2 mm (-31%), 59.4 mm (-60%), 112.2 mm (+46%), 153.8 mm (+26%) & 81.5 mm (-33%) rainfall respectively.

## ❖ Rainfall observed during the Season:

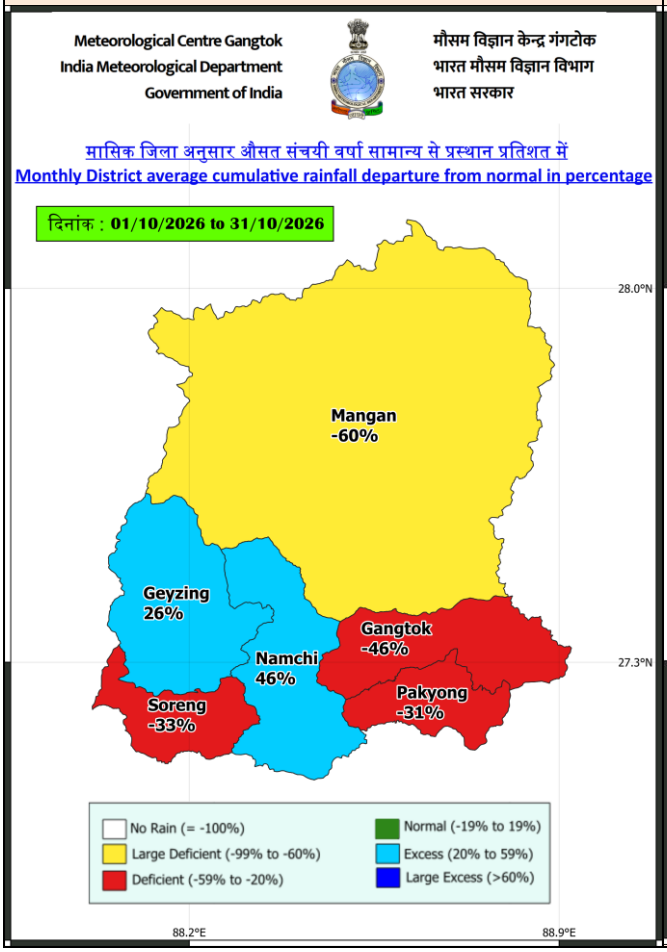
- From 01st October to 31st October 2026, the state has received 79.4 mm (-43%) rainfall against the normal value of 140.1 mm.
- From 01st October to 31st October 2026, Gangtok, Pakyong, Mangan, Namchi, Gyalshing & Soreng districts of Sikkim have received 87.2 mm (-46%), 61.2 mm (-31%), 59.4 mm (-60%), 112.2 mm (+46%), 153.8 mm (+26%) & 81.5 mm (-33%) rainfall respectively.

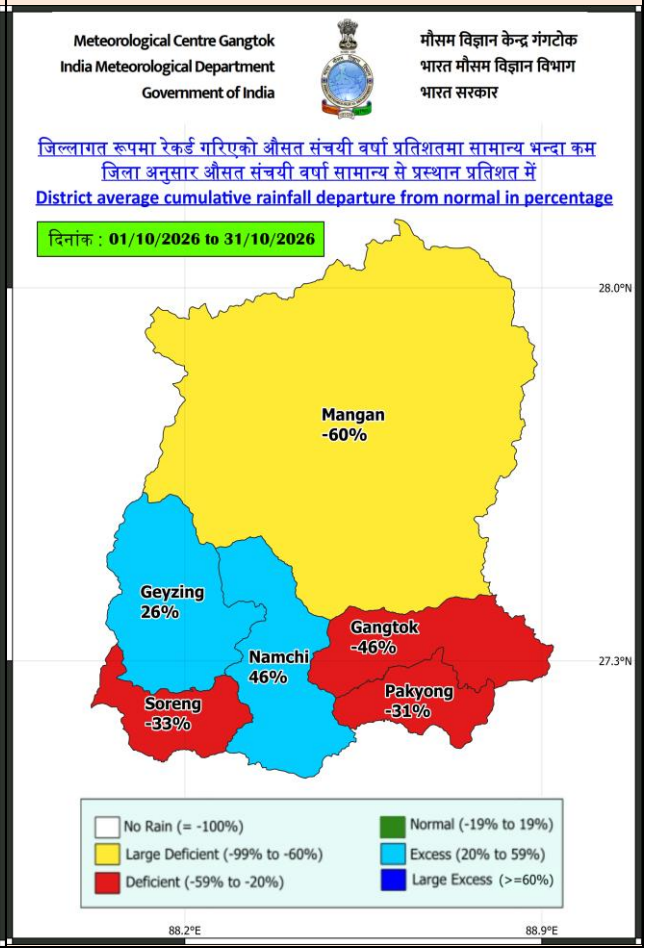
## District wise rainfall observed during the month and season (Tabular Form)

| Name of the State/District | Rainfall during the month of October 2026 | | | Seasonal Rainfall Since 01- October -2026 to 31- October -2026 / मौसमी वर्षा 01- October -2026 से 31-October -2026 तक | | |
|---|---|---|---|---|---|---|
| | Actual (mm) | Normal (mm) | % dep. from normal | Actual (mm) / वास्तविक (मिमी) | Normal (mm) / सामान्य (मिमी) | % dep. from normal / सामान्य से % विचलन |
| Sikkim/ सिक्किम | 079.4 | 140.1 | -43 | 079.4 | 140.1 | -43 |
| Mangan/ मंगन | 059.4 | 150.2 | -60 | 059.4 | 150.2 | -60 |
| Gangtok/ गंगटोक | 087.2 | 161.7 | -46 | 087.2 | 161.7 | -46 |
| Pakyong/ पाक्योंग | 061.2 | 088.2 | -31 | 061.2 | 088.2 | -31 |
| Gyalshing/ गेजिंग | 153.8 | 122.3 | 26 | 153.8 | 122.3 | 26 |
| Soreng/ सोरेंग | 081.5 | 122.3 | -33 | 081.5 | 122.3 | -33 |
| Namchi/ नामची | 112.2 | 076.9 | 46 | 112.2 | 076.9 | 46 |

## District wise rainfall departure during the month and season (Graphical Form)

| *Monthly Rainfall Departure* | *Seasonal Rainfall Departure* |
|---|---|

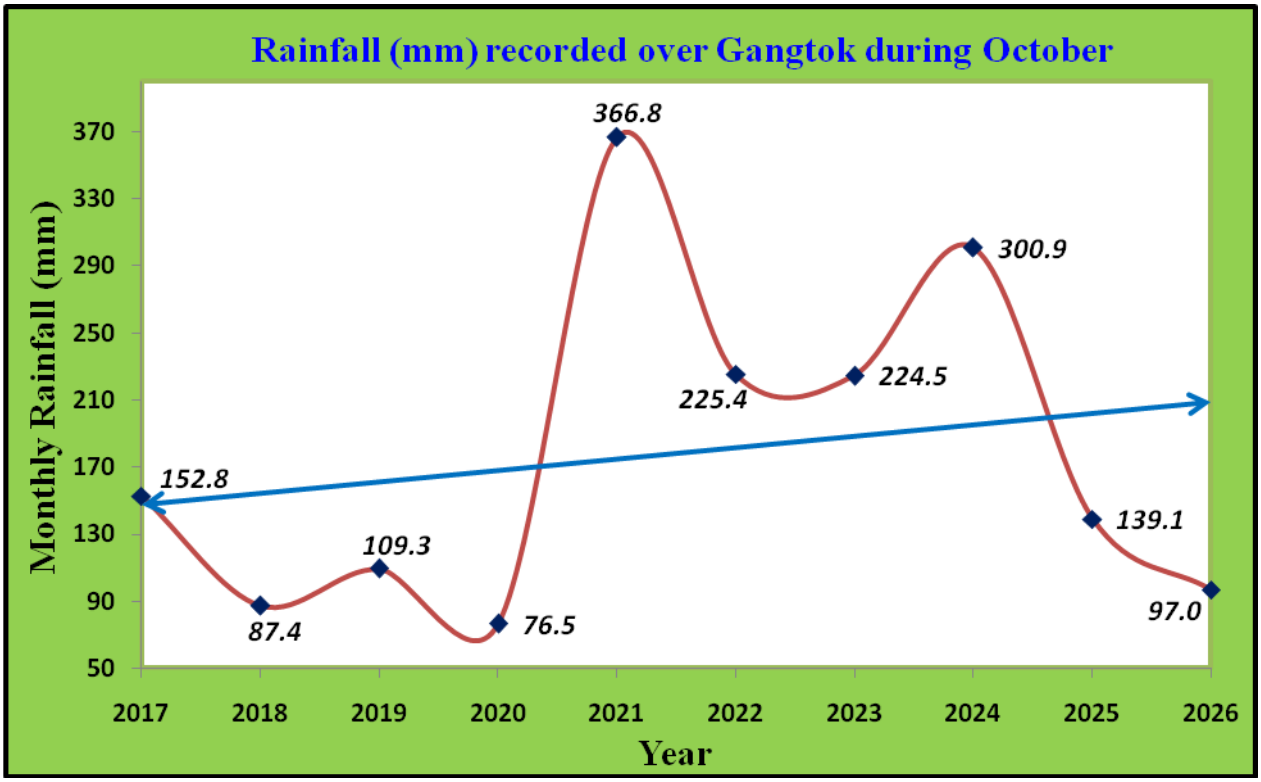



## ➢ Heavy rainfall recorded over various stations of Sikkim during the month of October 2026:

| Date | East | North | South | West |
|---|---|---|---|---|
| 05-10-2026 | NIL | NIL | NIL | Yuksom (ORG) [9 cm]<br>Yuksom (ARG) [7 cm] |
| 31-10-2026 | NIL | NIL | NIL | Yuksom (ORG) [7 cm] |

## Rainfall recorded at M.O. Gangtok during the past 10 years in the month of October:




## Temperature observed at Gangtok and Tadong:

- **Maximum Temperature (Gangtok): Average Maximum Temperature recorded during the month was 21.6°C against its normal value 20.4°C.**
- **Minimum Temperature (Gangtok): Average Minimum Temperature recorded during the month was 14.1°C against its normal value 13.8°C.**
- **Over Tadong, Average Maximum Temperature during the month was 25.5°C against its normal value 26.1°C whereas Average Minimum Temperature was 15.3°C against its normal value 15.9°C.**

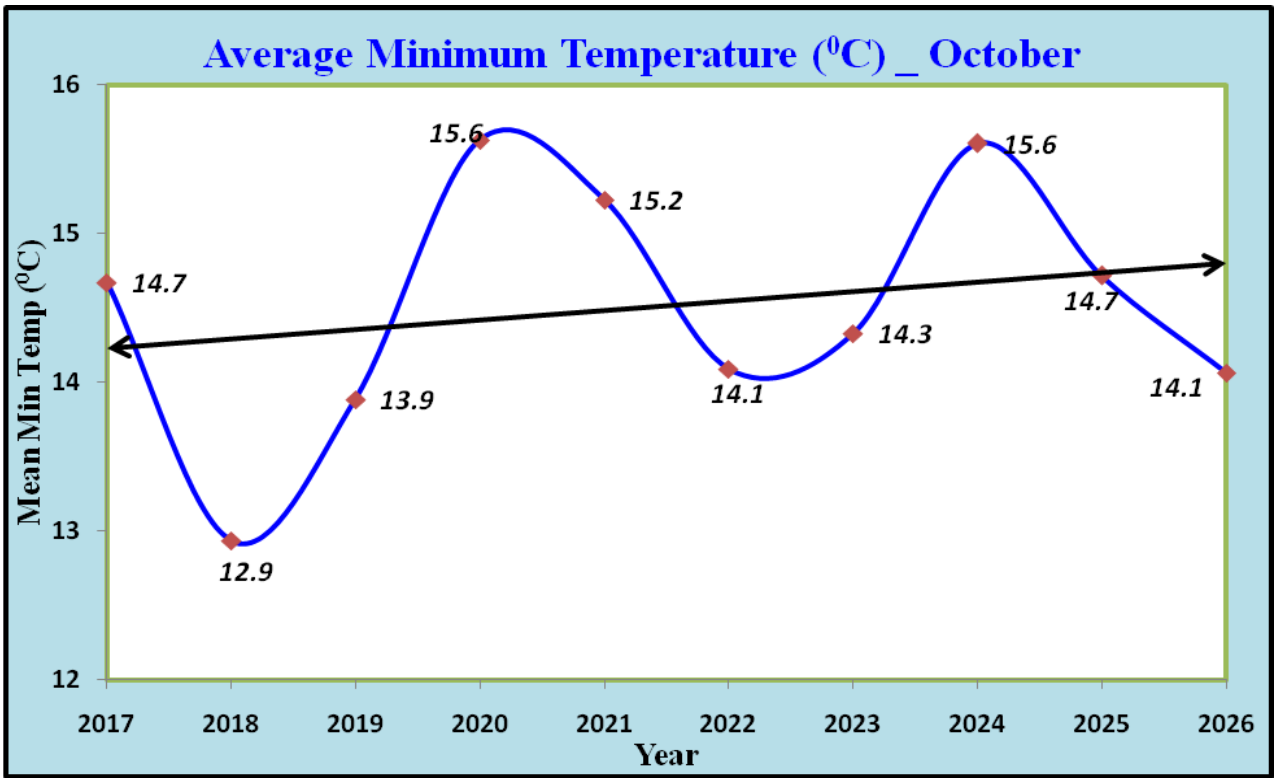
## ➢ Station wise temperature observed during the month of October:

| Name Of the Stations | District | Mean Max. Temp.(°C) | Mean Min. Temp.(°C) | Highest Max. Temp. (°C) | Lowest Min. Temp. (°C) |
|---|---|---|---|---|---|
| Gangtok | East Sikkim | 21.6 | 14.1 | 25.4 | 12.1 |
| Tadong | | 25.5 | 15.3 | 28.8 | 11.9 |
| Pakyong | | 24.0 | 14.5 | 27.0 | 11.7 |
| Mazitar | | 30.3 | 15.5 | 34.0 | 10.0 |
| Mangan | North Sikkim | 22.9 | 15.2 | 25.3 | 13.0 |
| Namthang | South Sikkim | 21.9 | 13.1 | 25.2 | 10.8 |
| Gyalshing | West Sikkim | 22.9 | 12.8 | 25.0 | 11.0 |

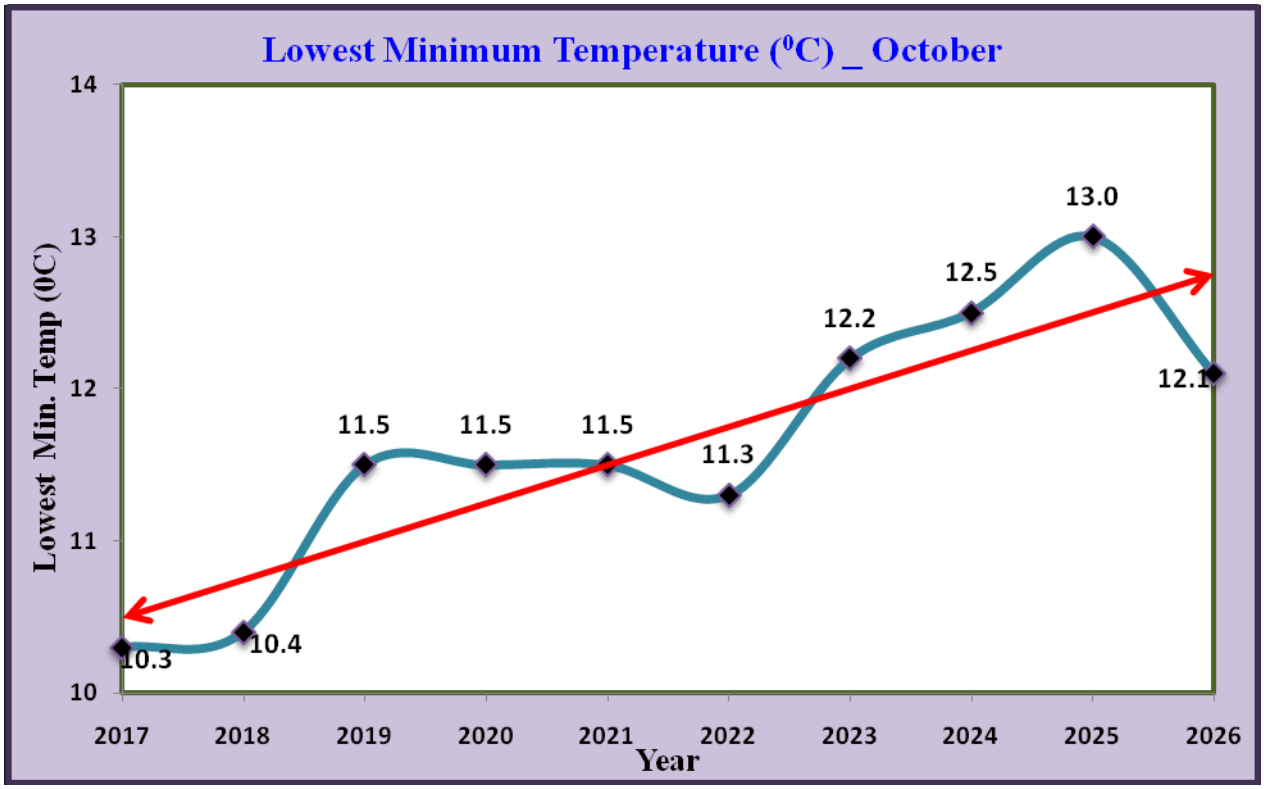
## ➢ Temperature recorded at Gangtok during last 10 years in the month of October:

| Year | Lowest Min. Temp (in $^0$C) | Average Min. Temp (in $^0$C) | Average Max. Temp (in $^0$C) | Highest Max. Temp (in $^0$C) |
|---|---|---|---|---|
| 2017 | 10.3 | 14.7 | 20.6 | 24.5 |
| 2018 | 10.4 | 12.9 | 19.4 | 21.7 |
| 2019 | 11.5 | 13.9 | 19.5 | 21.7 |
| 2020 | 11.5 | 15.6 | 22.1 | 24.1 |
| 2021 | 11.5 | 15.2 | 20.6 | 25.1 |
| 2022 | 11.3 | 14.1 | 20.3 | 24.2 |
| 2023 | 12.2 | 14.3 | 20.4 | 23.3 |
| 2024 | 12.5 | 15.6 | 20.2 | 23.5 |
| 2025 | 13.0 | 14.7 | 21.7 | 24.4 |
| 2026 | 12.1 | 14.1 | 21.6 | 25.4 |
| ALL TIME RECORD | 04.3 (29-10-1986) | | | 26.8 (05-10-1972) |

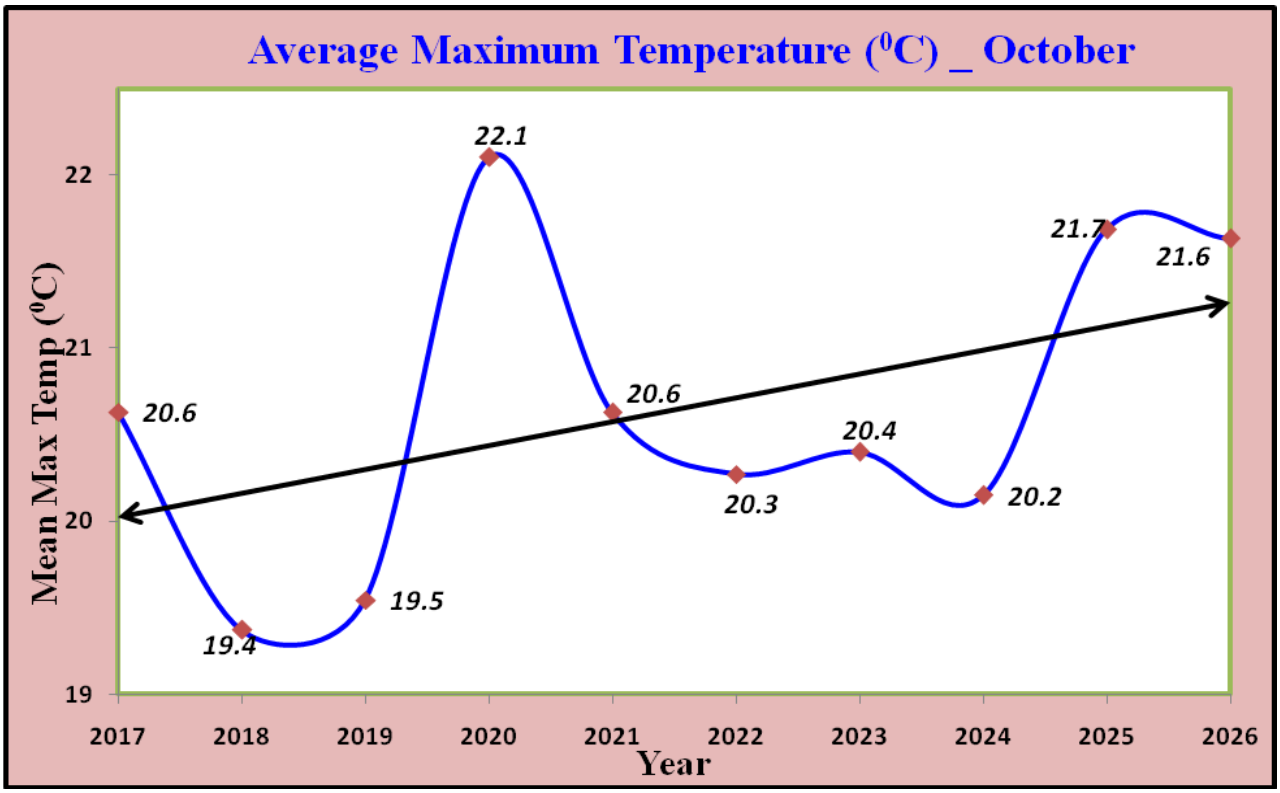
- **Trend of average Minimum Temperature recorded at Gangtok during last 10 years in the month of October:**



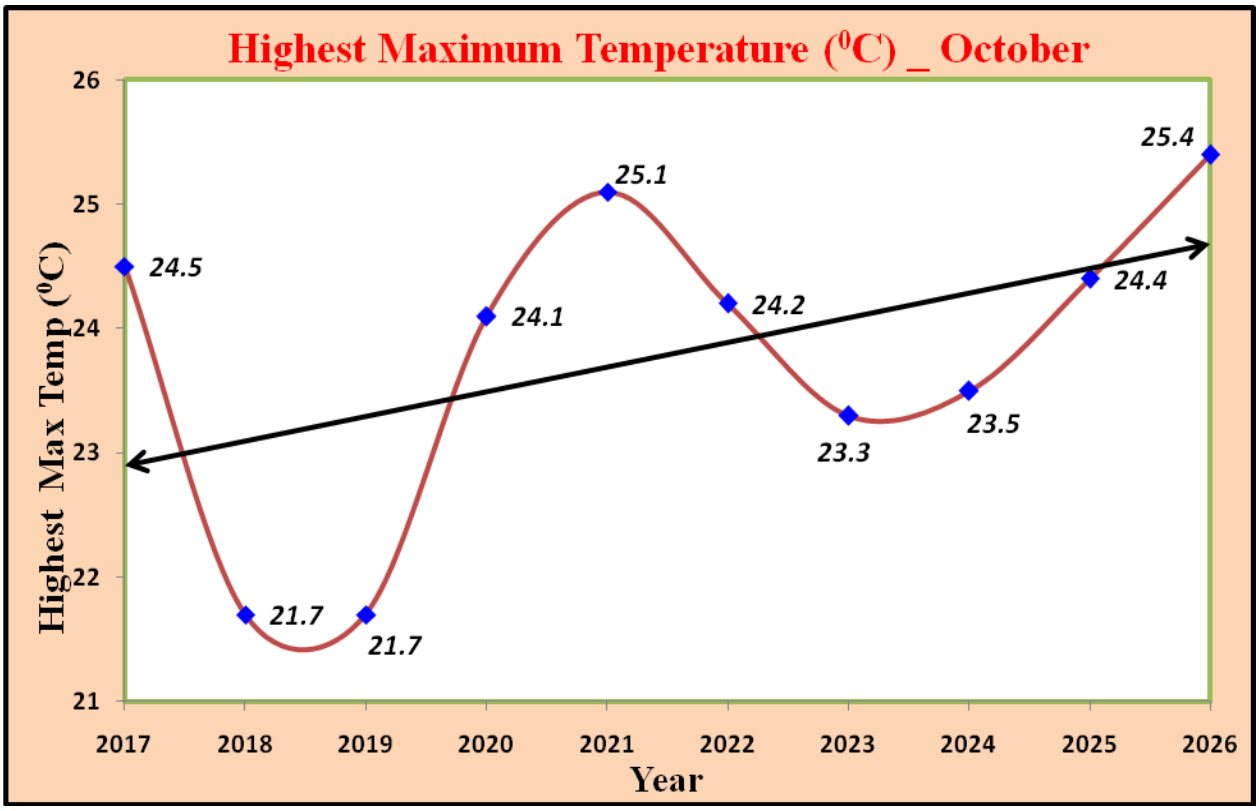

- **Trend of the lowest Minimum Temperature recorded at Gangtok during last 10 years in the month of *October*:**



## ➢ Trend of average Maximum Temperature recorded at Gangtok during last 10 years in the month of October:




## ➢ Trend of the highest Maximum Temperature recorded at Gangtok during last 10 years in the month of October:



## ❖ Bulletin/ Press Release issued:

- During the month total 93 Weather Bulletins (thrice daily) were issued.
- Significant rainfall along with District wise distribution of rainfall, District wise average rainfall, etc. were disseminated through various social Media on regular basis.
- Special Weather bulletins/Press Releases were issued on two (02) occasions in connection with expected enhanced rainfall activity/adverse weather.
- Statistics regarding realized/recorded rainfall over the state Sikkim during the month of October, 2026 were issued on daily basis and disseminated through various social media platforms.

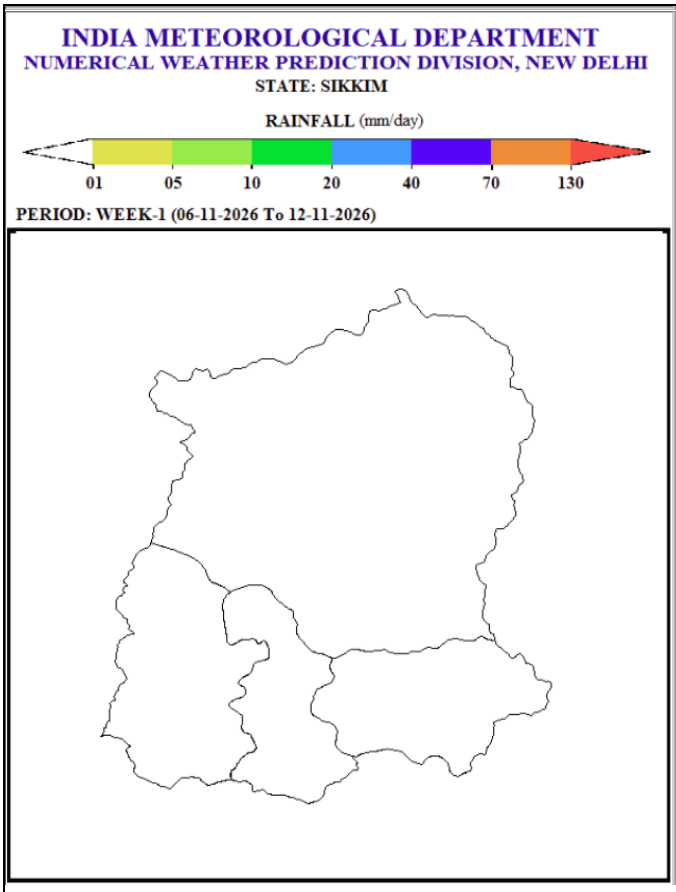
# Forecast for the next two weeks

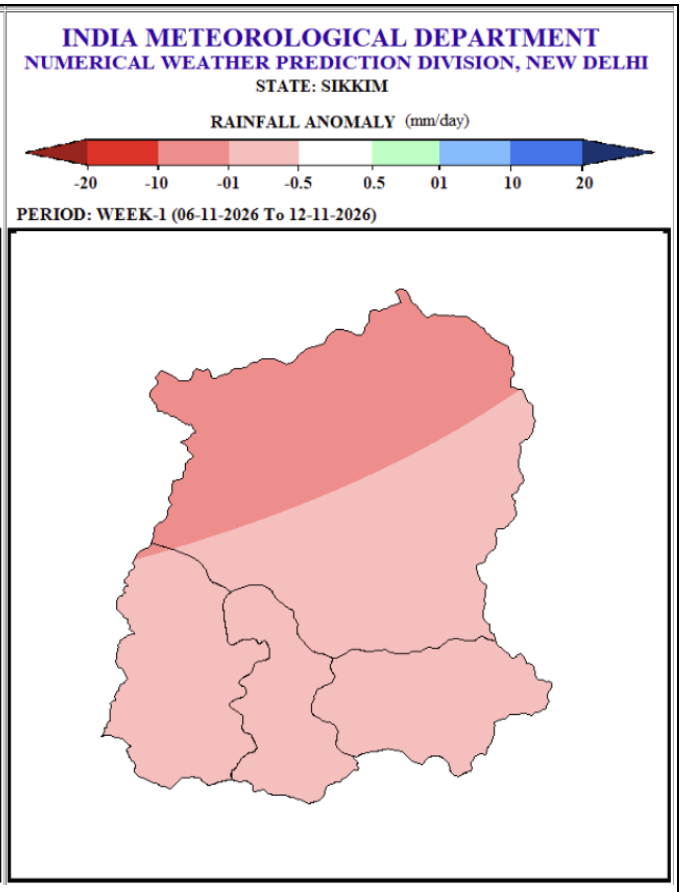
## अगले दो हफ़्तों का पूर्वानुमान

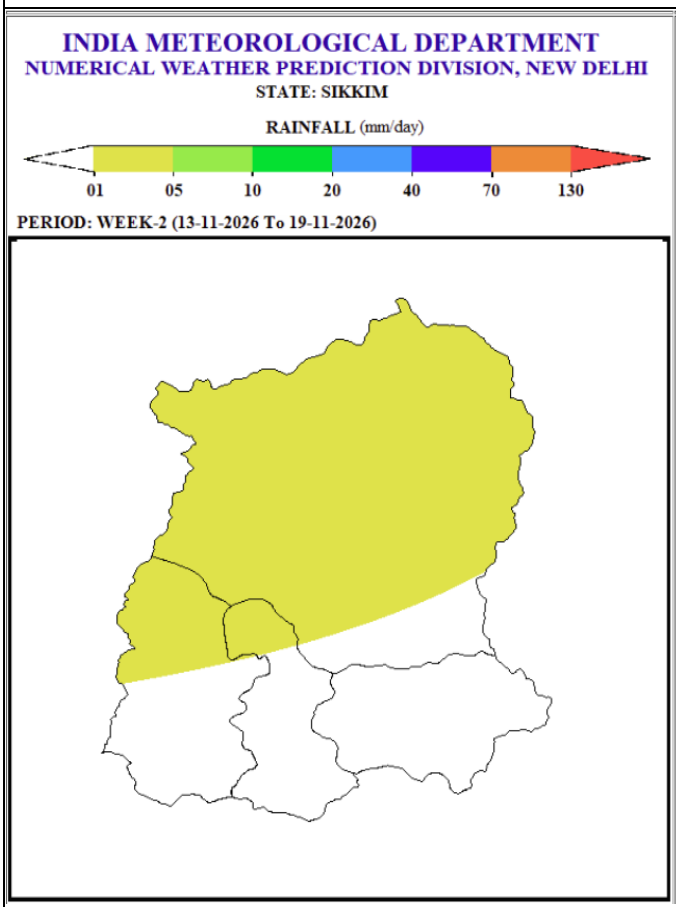
**Under the influence of the present synoptic features, dynamical scenario and model guidance –**

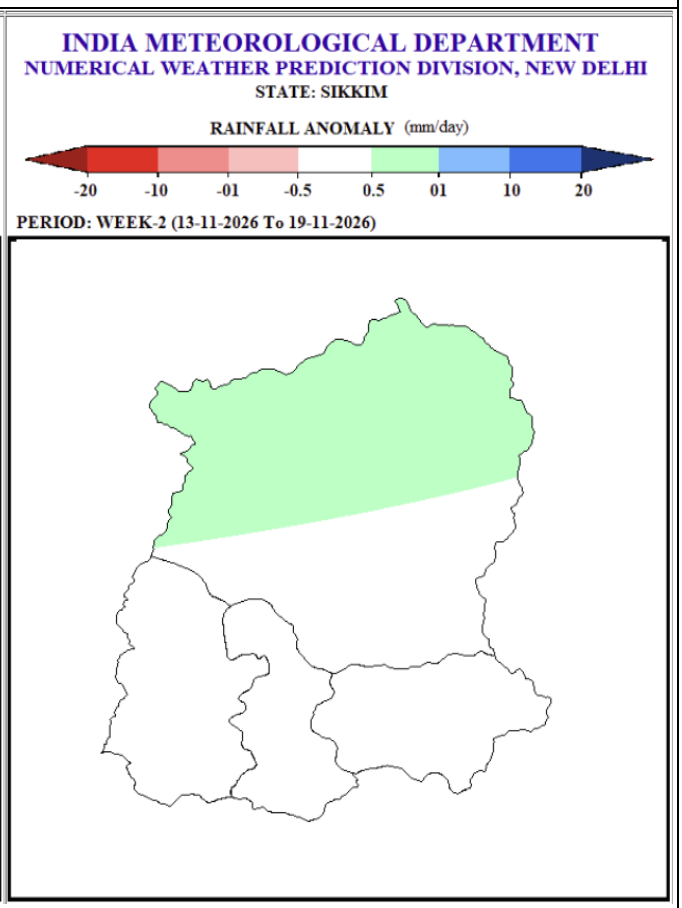
| Week No. | Rainfall | Temperature |
|---|---|---|
| 01 (06th November 2026 – 12th November 2026) | Normal to below normal rainfall over most parts of Sikkim. | T-max: Normal to above normal over most parts of Sikkim.<br><br>T-min: Normal over most parts of Sikkim. |
| 02 (13th November 2026 – 19th November 2026) | Normal rainfall over most parts of Sikkim. | T-max: Normal over most parts of Sikkim.<br><br>T-min: Normal to below normal over most parts of Sikkim. |

# (i) Rainfall Forecast:

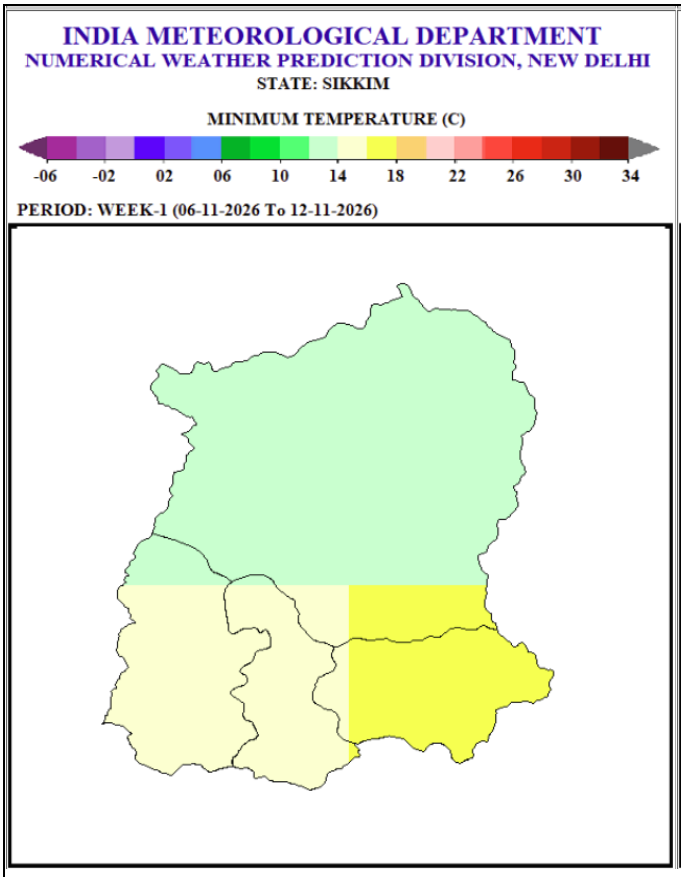


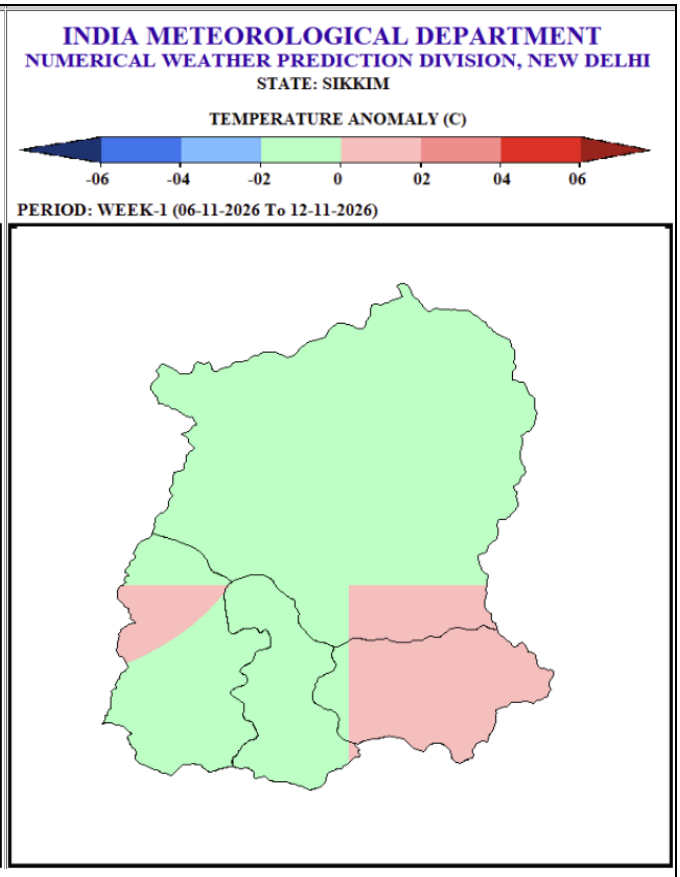



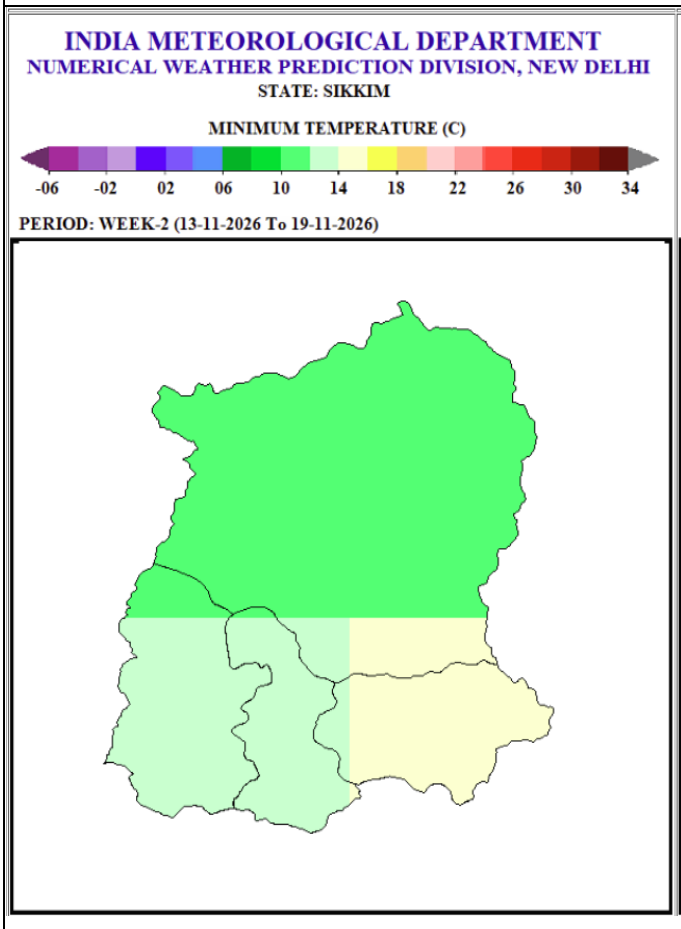



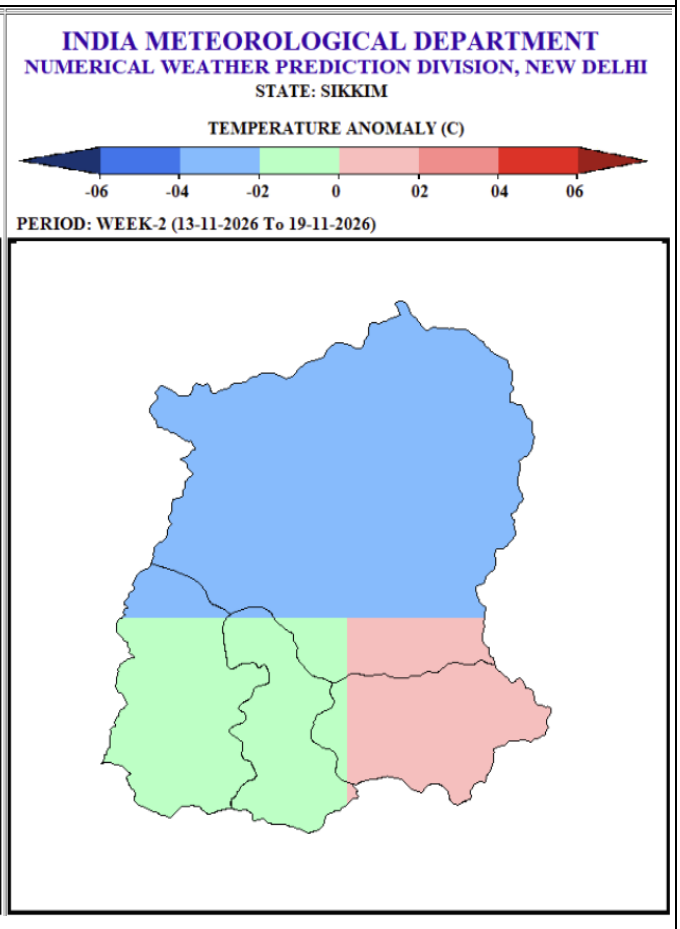



# (ii) Minimum Temperature Forecast:



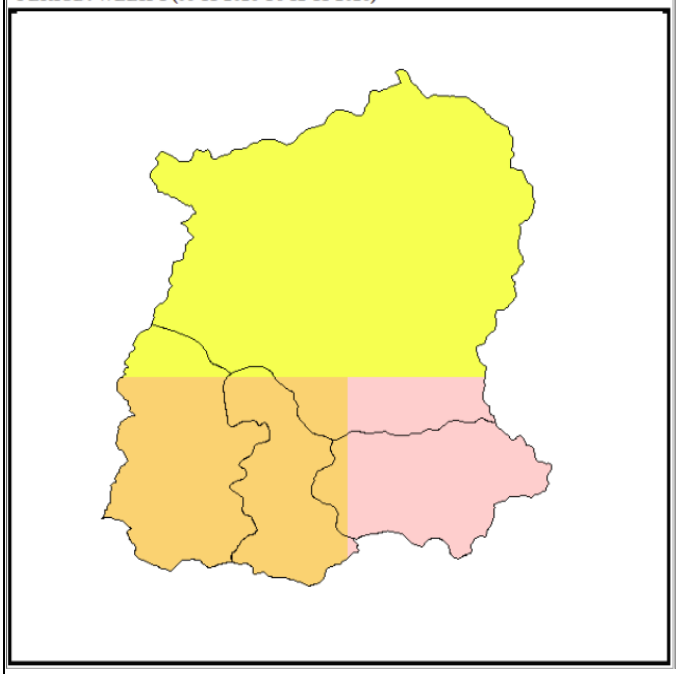
# (iii) Maximum Temperature Forecast:

**INDIA METEOROLOGICAL DEPARTMENT**
**NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI**
**STATE: SIKKIM**

MAXIMUM TEMPERATURE (C)

04 08 12 16 20 24 28 32 36 40 44

PERIOD: WEEK-1 (06-11-2026 To 12-11-2026)

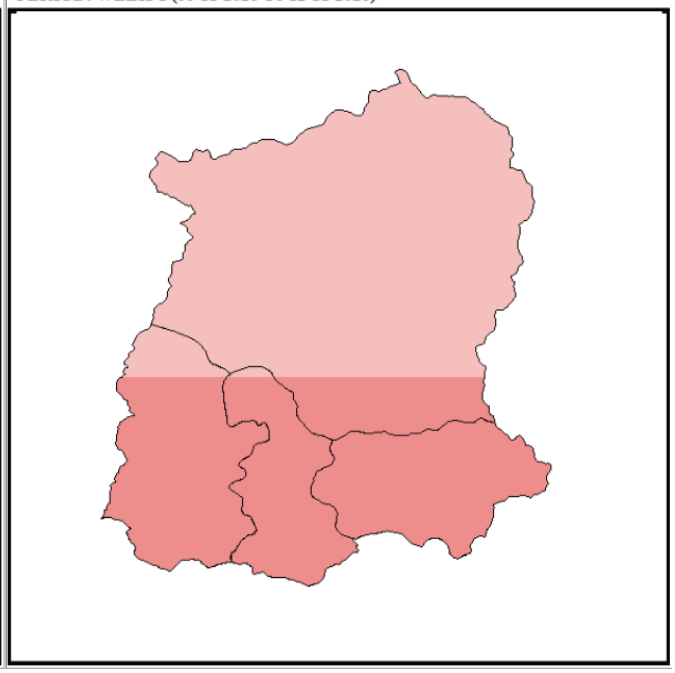


**INDIA METEOROLOGICAL DEPARTMENT**
**NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI**
**STATE: SIKKIM**

TEMPERATURE ANOMALY (C)

-06 -04 -02 0 02 04 06

PERIOD: WEEK-1 (06-11-2026 To 12-11-2026)

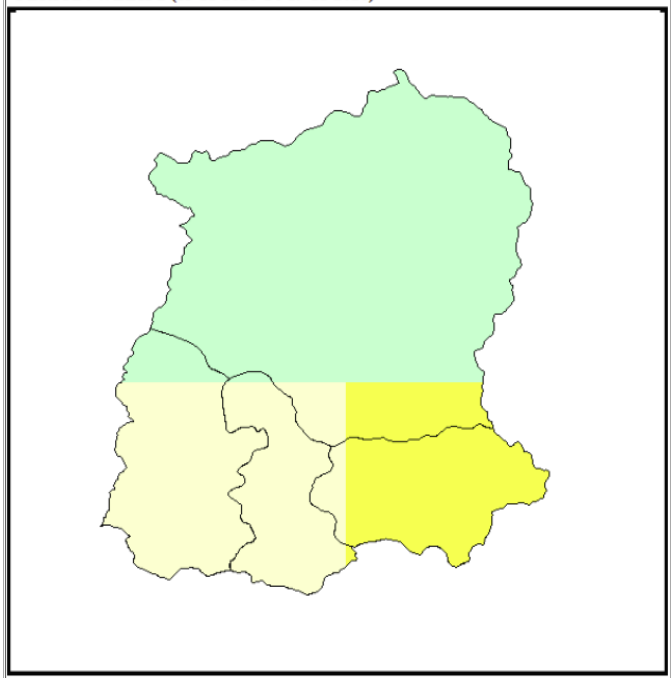


**INDIA METEOROLOGICAL DEPARTMENT**
**NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI**
**STATE: SIKKIM**

MAXIMUM TEMPERATURE (C)

04 08 12 16 20 24 28 32 36 40 44

PERIOD: WEEK-2 (13-11-2026 To 19-11-2026)

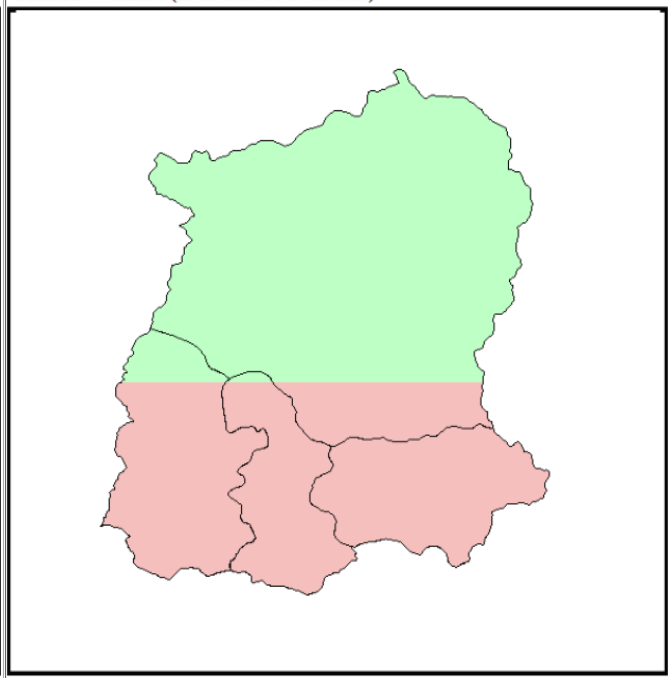


**INDIA METEOROLOGICAL DEPARTMENT**
**NUMERICAL WEATHER PREDICTION DIVISION, NEW DELHI**
**STATE: SIKKIM**

TEMPERATURE ANOMALY (C)

-06 -04 -02 0 02 04 06

PERIOD: WEEK-2 (13-11-2026 To 19-11-2026)



# LEGENDS:

| Probabilistic Forecast | | | |
|---|---|---|---|
| *Terms* | *Probability of Occurrence (%)* | *Terms* | *Probability of Occurrence (%)* |
| ***Most Likely*** | *>75* | ***Very Likely*** | *51-75* |
| ***Likely*** | *25-50* | ***Unlikely*** | *<25* |
| ***Dry:*** *No station reported rainfall* | | | |

| Intensity of Rainfall | |
|---|---|
| ***Very Light Rainfall:*** *Trace -002.4 mm* | ***Light Rain:*** *002.5-015.5 mm* |
| ***Moderate Rainfall:*** *015.6-064.4 mm* | ***Heavy Rainfall:*** *064.5-115.5 mm* |
| ***Very Heavy Rainfall:*** *115.6-204.4 mm* | ***Extremely Heavy Rainfall:*** *≥204.5 mm* |
| **Exceptionally Heavy Rainfall**: When the amount is a value near about the highest recorded rainfall at or near the station for the month or season. However, this term will be used only when the actual rainfall amount exceeds 12 cm. | |

| Spatial distribution of Rainfall | | | |
|---|---|---|---|
| *% of stations reporting* | *Category* | *% of stations reporting* | *Category* |
| *76-100* | ***Most places (Widespread)*** | *51-75* | ***Many places (Fairly widespread)*** |
| *26-50* | ***Few places (Scattered)*** | *01-25* | ***Isolated places*** |
| ***Dry:*** *No station reported rainfall* | | | |

| Warning | |
|---|---|
| **NO WARNING (No Action)** | **WATCH (Be Aware)** |
| **ALERT (Be prepared to Take Action)** | **WARNING (Take Action)** |

## Next Report will be issued on the 01st week of December, 2026

# *Meteorological Centre Gangtok, Sikkim*

1. **For detailed information please visit our**
   **Website https://mausam.imd.gov.in/gangtok/**
   **Twitter https://x.com/gangtokmet**
   **Facebook page https://www.facebook.com/IMD.Gangtok/**
   **Whatsapp channel https://whatsapp.com/channel/0029VaCbavm5Ui2O0fWGon30**

2. **District wise nowcast for thunderstorm with lightning and wind will be issued one or two hours in advance through whatsapp/facebook/twitter and email as and when required.**

3. **Kindly use "Mausam App" for location specific weather forecast and weather warning, "Meghdoot App" for Agromet advisory and "Damini App" for Lightning warning.**

Twitter | Facebook | WhatsApp Channel | Website | Mausam App | Meghdoot App | Damini App

**Weather information is also available through TOLL FREE No. 1800 220 161**