

Babarmahal, Kathmandu

23rd January 2024

Preliminary Precipitation and Temperature Summary November, 2023

Highlights

Nepal mostly experienced dry conditions with light scattered rain at some places of the hilly areas and isolated snowfall at the northern part. Day time temperatures were warmer than normal while night time temperatures were cooler across northern parts of the country and warmer across southern parts.

Synoptic Sequences

A number of western disturbances effected weather of Nepal. Cyclonic storm "MIDHLI" formed over west central Bay of Bengal in 17th November effected the weather in the eastern part of the country.

Precipitation

Below normal precipitation was recorded over most part of the country (Figure 2). Isolated part of Sudurpaschim Province, Karnali Province and Koshi Province recorded precipitation above 10 mm while rest of the country recorded precipitation below 10 mm. Madhesh Province and southern part of Sudurpaschim Province, Bagmati Province and Koshi Province didn't record any precipitation during November (Figure 1).

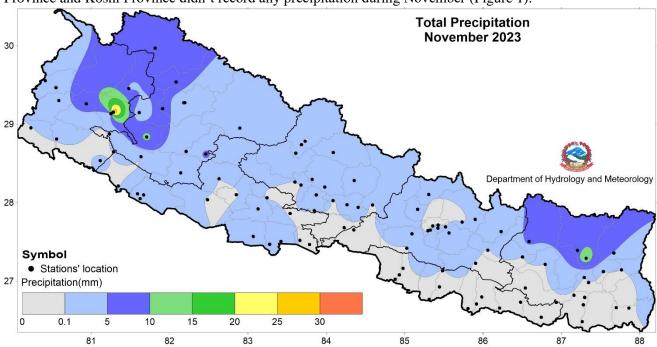


Figure 1: Total precipitation in November 2023.

Oli Gaun (Patkani) station of Achham district recorded the highest 24-hours precipitation of 30.5 mm on 12th November 2023 which was also the highest monthly total precipitation among the 103 stations. 15 stations recorded trace amount of precipitation while 40 stations didn't record any precipitation during November. The highest (231.4%) percentage of monthly normal precipitation were recorded at Dailekh station of Dailekh district (Annex 1). Based on the average of 103 stations shown in figure 2, Nepal received 16.5% of the normal precipitation of the month. In general, less than 90% of normal precipitation is considered as below normal, 90 to 110% is considered as near normal, and more than 110% of normal precipitation is considered as above normal precipitation for the month.



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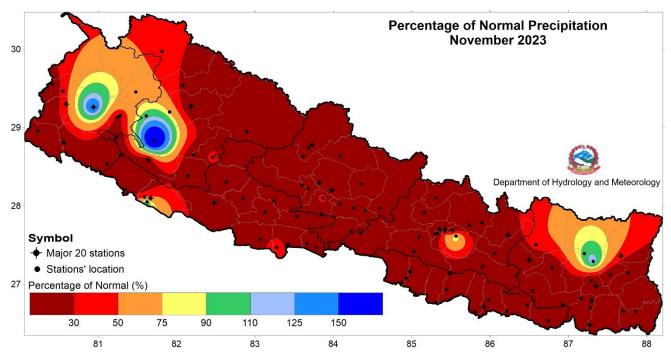


Figure 2: Percentage of normal precipitation in November 2023.

Figures 3 and 4, respectively, show the temporal distribution of monthly and post-monsoon seasonal cumulative average of daily precipitation at 20 major stations located as shown in figure 2. The timeseries of precipitation shows that precipitation was below normal during the month of November.

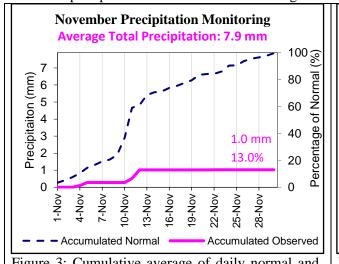


Figure 3: Cumulative average of daily normal and observed precipitation during November 2023.

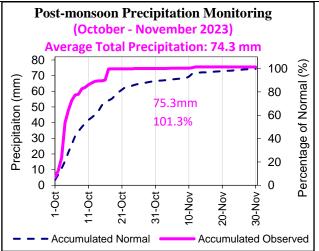


Figure 4: Cumulate average of daily normal and observed precipitation during post-monsoon season.

Maximum Temperature

Northern part of the country recorded monthly maximum temperature less than 9°C while southern plain recorded above 27°C during November (Figure 5). Most parts of the country recorded above normal maximum temperature while isolated part across the country recorded near-normal to above normal maximum temperature (Figure 6).

Government of Nepal

Ministry of Energy, Water Resource and Irrigation Department of Hydrology and Meteorology Climate Division (Climate Analysis Section)

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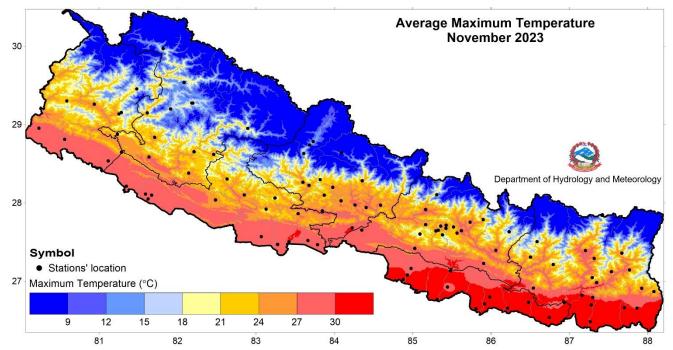


Figure 5: Maximum Temperature in November 2023.

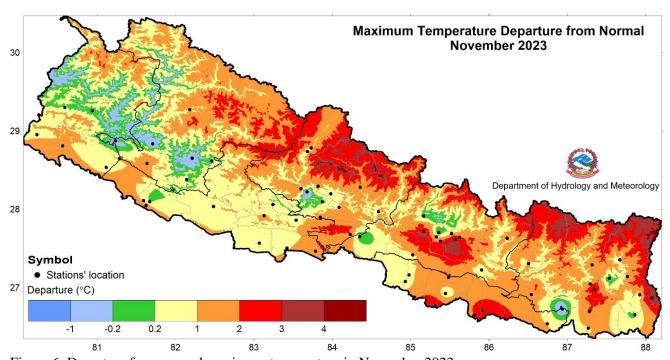


Figure 6: Departure from normal maximum temperature in November 2023.

Janakpur Airport station of Dhanusha district and Humde station of Manang district recorded the highest and lowest monthly maximum temperature of 32.4°C and 11.1°C respectively. Similarly, the highest monthly anomaly of 4.1°C was also recorded at Dhulikhel station of Kavrepalanchok district and the lowest of -1.2°C was recorded at Kushma station of Parbat district (Annex 1). The highest daily maximum temperature of 35.8°C was recorded at Janakpur Airport station of Dhanusha district on 17th November while the lowest daily maximum temperature of 5.9°C was recorded at Humde of Manang district on 11th November. Some of the stations broke the November's highest record of maximum temperature in this November.



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Minimum Temperature

Northern part of the country recorded monthly minimum temperature less than 0°C while southern plain recorded more than 15°C during November (Figure 7). Northern part of the country, as well as some central part of Koshi Province recorded near-normal to below normal minimum temperature while the remaining part of the country recorded above normal minimum temperature (Figure 8).

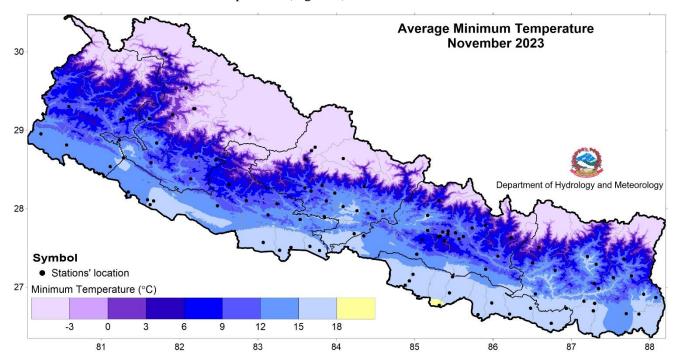


Figure 7: Minimum Temperature in November 2023.

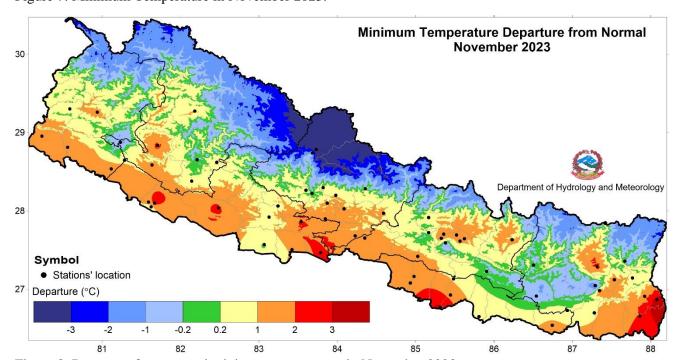


Figure 8: Departure from normal minimum temperature in November 2023.



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Gaur station of Rautahat district and Humde station of Manang district recorded the highest and lowest monthly minimum temperature of 18.7°C and -3.9°C respectively. Similarly, the highest monthly anomaly of 3.4°C was recorded at Kanyam Tea Estate station of Ilam district and the lowest anomaly of -4.7°C was recorded at Jomsom station of Mustang district (Annex 1). The highest daily minimum temperature of 24.0°C was recorded at Lumbini station of Kapilbastu district on 1st November while the lowest daily minimum temperature of -6.5°C was recorded at Humde station of Manang district on 30th November. Syangja station of Syangja district broke the November's lowest record of minimum temperature in this November.

Drought

Most parts of the country faced extreme drought condition (below normal precipitation by 70%) in November. However, wet condition has been observed over isolated parts of Sudurpaschim Province, Karnali Province and Koshi Province (Figure 2). Drought has been categorized based on the observed precipitation compared to normal. A drought is defined as moderate, severe and extreme as given in the table below.

| S.N. | Percentage of normal precipitation (%) | Drought category |
|------|--|------------------|
| 1 | 50 - 75 | Moderate drought |
| 2 | 30 - 50 | Severe drought |
| 3 | < 30 | Extreme drought |

Historical record break

In this November, several stations broke the previous record of November's extremes of temperature and precipitation (Table 1 to 3).

Table 1: List of stations breaking the November's highest daily maximum temperature in November 2023.

| S.N. | Station Name | District | Record break maximum | Previous highest maximum | | | | |
|-------|-------------------|--------------|-----------------------|--------------------------|--|--|--|--|
| D.11. | Station Name | District | temperature (°C)/Date | temperature (°C)/Date | | | | |
| 1 | Kanyam Tea Estate | Ilam | 25.5/2023-11-01 | 25.0/2016-11-04 | | | | |
| 2 | Khadbari | Sankhuwasava | 28.5/2023-11-03 | 28.2/2020-11-01 | | | | |
| 3 | Patan New | Baitadi | 28.6/2023-11-01 | 26.0/2019-11-17 | | | | |

Table 2: List of stations breaking November's lowest daily minimum temperature in November 2023.

| S.N. | Station Name | District | Record break minimum temperature (°C)/Date | Previous lowest minimum temperature (°C)/Date |
|------|--------------|----------|---|--|
| 1 | Syangja | syangja | 4.6/2023-11-29 | 5.2/1981-11-29 |

Table 3: Station breaking November's highest daily precipitation in November 2023.

| S.N. | Station Name | District | Record break daily precipitation (mm)/Date | Previous highest precipitation(mm)/Date |
|------|--------------------|----------|--|---|
| 1 | Oli Gaun (Patkani) | Achham | 30.5/2023-11-12 | 20.0/2009-11-13 |



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Annex 1: Monthly precipitation and temperature data of November 2023

| | | | | | | Prec | ipitati | ion | | Temperature | | | | | | | | |
|-----------------------|----------|-----------|-----------|-------------------|-------------|--------|---------|---------|---------|---|--------------|----------------------------|----------------------------|--------------|----------------------------|---------------------------|---------------------------------------|--|
| | | | | No. of Rainy Days | | | | | | | | Maximum Minimum | | | | | | |
| Station | Latitude | Longitude | Elevation | Total (mm) | % of Normal | ≥1.0mm | ≥10.0mm | ≥25.0mm | >50.0mm | 24hr Highest precipitaiton (mm)/Date | Average (°C) | Departure form normal (°C) | Highest temperature / Date | Average (°C) | Departure form normal (°C) | Lowest temperature / Date | No. of days with maximum temp. > 30°C | |
| Baglung | 28.2636 | 83.6003 | 964 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 26.8 | 1.2 | 29.5/2 | 12.3 | 0.8 | 9.5/30 | 0 | |
| Bahrabise | 27.7887 | | 884 | 0.5 | 6.9 | 0 | 0 | 0 | 0 | 0.5/5 | 26.5 | - | 29/2 | 11.6 | - | 10.3/30 | 0 | |
| Baitadi (Gothalapani) | 29.5574 | | 1352 | 0.8 | 11.6 | 0 | 0 | 0 | 0 | 0.8/11 | - | _ | - | - | _ | - | - | |
| Bajura (Martadi) | | 81.4804 | 1598 | 4.8 | 64.0 | 2 | 0 | 0 | 0 | 2.8/10 | 21.3 | - | 24/1 | 9.4 | _ | 8/12 | 0 | |
| Bandipur | | 84.4064 | 991 | 0.4 | 6.4 | 0 | 0 | 0 | 0 | 0.4/12 | 25.1 | _ | 27/1 | 9.3 | _ | 8/11 | 0 | |
| Bhairahawa Airport | 27.5068 | | 108 | 1.0 | 20.4 | 1 | 0 | 0 | 0 | 1/12 | 30.0 | 0.9 | 32.7/1 | 15.7 | 1.1 | 12.8/21 | 16 | |
| Bhaktapur | 27.6767 | 85.4240 | 1315 | 3.0 | 51.7 | 1 | 0 | 0 | 0 | 3/5 | 25.0 | - | 27/2 | 8.9 | - | 7.3/9 | 0 | |
| Bijuwar Tar | | 82.8520 | 835 | 0.0 | 0.2 | 0 | 0 | 0 | 0 | 0.01/11 | 26.9 | - | 29/2 | 12.0 | - | 10.6/13 | 0 | |
| Biratnagar Airport | | 87.2670 | 72 | 0.0 | 0.2 | 0 | 0 | 0 | 0 | NR | 30.4 | 0.9 | 32.4/2 | 16.4 | 0.9 | 14.5/22 | 20 | |
| Birganj | 27.0232 | | 67 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | 0.01/12 | 31.2 | - | 33.8/18 | 17.2 | - | 15.5/12 | 29 | |
| Chainpur (East) | 27.0232 | | 1277 | 13.0 | 126.3 | 1 | 1 | 0 | 0 | 13/5 | 24.3 | 1.7 | 25.5/1 | 12.7 | 2.1 | 12/17 | 0 | |
| | | 85.4268 | | 0.0 | 0.0 | 0 | 0 | 0 | 0 | | 25.9 | - | 27.9/2 | 10.6 | Z.1 - | 9.9/9 | 0 | |
| Changu Narayan | | 83.8459 | 1502 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | | 1.5 | 31/3 | 14.6 | | 13.1/30 | | |
| Chapakot Chatara | | 87.1592 | 617 | 0.0 | 0.0 | 0 | | 0 | 0 | NR NR | 27.5 | | | 16.7 | 1.5 | 14.6/10 | 30 | |
| | | | 105 | | - | | 0 | | - | | 32.3 | - | 34.4/16 | | - 0.2 | | | |
| Chaurjhari Tar | 28.6540 | | 863 | 0.0 | 0.1 | 0 | 0 | 0 | 0 | 0.01/11 | 23.3 | -0.8 | 26.5/1 | 10.4 | -0.3 | 8/12 | 0 | |
| Chautara | 27.7538 | | 1552 | 0.0 | 0.2 | 0 | 0 | 0 | 0 | 0.01/5 | 24.4 | - | 28/13 | 9.5 | - | 8.3/26 | 0 | |
| Chisapani (Karnali) | 28.6472 | | 201 | 0.1 | 3.7 | 0 | 0 | 0 | 0 | 0.1/11 | 26.7 | 0.7 | 29.5/2 | 16.7 | 0.9 | 15.2/12 | 0 | |
| Dadeldhura | 29.3014 | | 1879 | 3.3 | 40.7 | 2 | 0 | 0 | 0 | 2/12 | 20.0 | 0.5 | 23/1 | 8.2 | 0.3 | 6.3/30 | 0 | |
| Dailekh | | 81.7085 | 1394 | 11.8 | 231.4 | 1 | 1 | 0 | 0 | 11.8/12 | 21.8 | -0.4 | 27.5/25 | 12.1 | 1.9 | 10/10 | 0 | |
| Damak | 26.6623 | 87.6988 | 119 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 30.9 | - | 33/1 | 12.8 | - | 11/26 | 27 | |
| Daman | 27.6044 | | 2265 | 1.0 | - | 1 | 0 | 0 | 0 | 1/12 | 18.1 | - | 19.6/2 | 6.2 | - | 4.2/22 | 0 | |
| Damauli | 27.9737 | | 347 | 0.5 | 11.1 | 0 | 0 | 0 | 0 | 0.5/12 | 27.9 | - | 30/2 | 16.8 | - | 15.5/10 | 3 | |
| Darchula New | 29.8429 | | 887 | 1.7 | - | 1 | 0 | 0 | 0 | 1.7/11 | - | - | - | - | - | - | - | |
| Dhangadhi (Attariya) | 28.8127 | 80.5600 | 184 | 0.2 | 6.9 | 0 | 0 | 0 | 0 | 0.2/11 | 29.2 | 1.3 | 32.4/1 | 14.8 | 1.9 | 12.5/25 | 9 | |
| Dhankuta | 26.9832 | | 1192 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 26.2 | 2.9 | 29/17 | 12.9 | 1.2 | 11.7/30 | 0 | |
| Dharan Bazar | | 87.2978 | 310 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 29.9 | - | 32.5/1 | 17.2 | - | 16/8 | 13 | |
| Dhulikhel | | 85.5655 | 1543 | 4.5 | 90.0 | 1 | 0 | 0 | 0 | 4.5/5 | 22.8 | 4.1 | 24.5/17 | 9.6 | 1.3 | 8/9 | 0 | |
| Dhunche | | 85.3077 | 2005 | 0.3 | 3.3 | 0 | 0 | 0 | 0 | 0.3/5 | 18.2 | - | 20.2/27 | 7.7 | - | 5.8/22 | 0 | |
| Dhunibesi | | 85.1643 | 991 | - | - | | - | - | - | - | 26.4 | 3.0 | 28.5/1 | 13.0 | 0.2 | 11/12 | 0 | |
| Diktel | | 86.7919 | | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 21.1 | - | 22.5/2 | 11.9 | - | 10.5/28 | 0 | |
| Dipayal (Doti) | | 80.9369 | | 7.7 | 157.1 | 1 | 0 | 0 | 0 | 7/12 | 27.4 | -0.2 | - | 12.0 | | 9.8/24 | - | |
| Dumkauli | | 84.2285 | | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 30.2 | 2.0 | 34/1 | 16.6 | | 15/21 | 18 | |
| Dunai | | 82.8960 | | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 22.7 | - | 25.5/4 | -0.2 | - | -2.5/30 | 0 | |
| Gaida (Kankai) | | 87.8607 | 107 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 30.1 | 0.0 | 33/1 | 16.8 | | 15/26 | 16 | |
| Gaur | | 85.3130 | | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 31.5 | 3.5 | 33.6/1 | 18.7 | 3.3 | 15.8/21 | 27 | |
| Ghorai (Dang) | | 82.4842 | | 0.0 | 0.2 | 0 | 0 | 0 | 0 | 0.01/11 | 26.3 | 0.5 | 28.7/1 | 13.2 | 2.2 | 11.7/12 | 0 | |
| Godavari | | 85.3788 | | - | - | _ | - | - | - | - | 22.5 | 1.9 | 25/2 | 6.9 | -0.5 | 6/8 | 0 | |
| Gorkha (Birenchowk) | | 84.5894 | | 0.0 | 0.2 | 0 | 0 | 0 | 0 | | 25.2 | 1.0 | 27.5/2 | 13.5 | 1.1 | 12.2/14 | 0 | |
| Gulariya | | 81.3452 | 126 | 0.0 | 0.4 | 0 | 0 | 0 | 0 | | 28.2 | - | 31.5/1 | 14.3 | - | 11.5/23 | 4 | |
| Hardinath | | 85.9833 | 93 | 0.0 | - | 0 | 0 | 0 | 0 | NR | 30.2 | - | 32.6/17 | | - | 14.7/26 | 15 | |
| Hetauda N.F.I. | | 85.0252 | 452 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 27.7 | 0.7 | 30/2 | 14.2 | 1.5 | 11.5/14 | 1 | |
| Humde | | 84.0881 | | 0.0 | - | 0 | 0 | 0 | 0 | 0.01/28 | | - | 13.7/22 | -3.9 | - | -6.5/30 | 0 | |
| Ilam Tea Estate | | 87.9231 | | - | - | | - | - | - | - | 23.5 | | 26.3/1 | | | 13/30 | 0 | |
| Jalesor | | 85.8073 | 68 | 0.0 | 2.0 | 0 | 0 | 0 | 0 | 0.01/28 | | 1.9 | 33/1 | 17.0 | | 15/23 | 20 | |
| Janakpur Airport | 26.7097 | 85.9172 | 76 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 32.4 | 2.9 | 35.8/17 | 16.3 | 0.6 | 14/8 | 29 | |



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| No. of Rainy Days Maximum Minim | | |
|--|---------------------------|---------------------------------------|
|) Date (°C) Itainton (°C) (°C) | e | |
| Latitude Longitude Longitude Elevation Flevation % of Normal >1.0mm >21.0mm >25.0mm >250.0mm Average (°C) Mmn)/Date Average (°C) Highest temperature / Date Average (°C) Departure form normal (°C) Departure form normal (°C) | Lowest temperature / Date | No. of days with maximum temp. > 30°C |
| Jiri 27.6304 86.2321 1877 2.0 18.9 1 0 0 0 2/5 19.3 0.8 20.5/2 5.1 1.5 | 3.4/30 | 0 |
| Jomsom 28.7840 83.7298 2741 0.0 0.0 0 0 0 NR 15.7 0.9 18.2/12 -3.2 -4.7 | -5/30 | 0 |
| Jumla 29.2747 82.1796 2363 0.4 4.5 0 0 0 0.4/11 20.2 0.9 24.7/1 -0.1 1.2 | -2.8/23 | 0 |
| Jumla Airport 29.2740 82.1942 2384 0.1 - 0 0 0 0.1/11 18.8 - 22.8/1 -0.7 - | -3.1/22 | 0 |
| Kanyam Tea Estate 26.8681 88.0783 1570 23.3 4.1 25.5/1 12.4 3.4 | 10.5/30 | 0 |
| Karmaiya 27.1330 85.4841 139 0.0 0.0 0 0 0 NR 30.9 1.8 33.5/2 18.0 0.9 | 16.5/23 | 27 |
| Kathmandu Airport 27.7038 85.3562 1337 0.0 0.2 0 0 0 0 0.01/12 23.3 -0.3 25.2/2 10.0 1.6 | 8.4/9 | 0 |
| | | |
| | 11.5/5 | 0 |
| Khairini Tar 28.0270 84.0866 515 0.0 0.0 0 0 0 NR 26.7 0.9 29.4/2 15.5 1.2 | 14.2/10 | 0 |
| Khajura (Nepalganj) 28.1137 81.5903 129 1.5 46.9 1 0 0 0 1.5/11 29.2 0.9 32.8/1 14.8 1.4 | 12.8/25 | 10 |
| Khanchikot 27.9221 83.1298 1801 1.5 15.5 1 0 0 0 1.5/12 20.6 1.5 23.5/1 10.4 0.4 | 8.6/27 | 0 |
| Khokana 27.6438 85.2967 1309 0.0 0.0 0 0 0 NR 24.7 - 26.4/26 6.9 - | 5.6/9 | 0 |
| Khudi Bazar 28.2822 84.3564 838 2.0 22.5 1 0 0 0 2/5 26.3 1.0 29.3/1 12.0 0.4 | 10.5/30 | 0 |
| Khumaltar 27.6517 85.3257 1334 0.0 0.0 0 0 0 NR 24.3 1.4 25.2/3 9.4 1.6 | 7.8/9 | 0 |
| Kushma 28.2249 83.6769 900 0.0 0.0 0 0 0 NR 25.6 -1.2 27.5/2 11.3 -0.1 | 9.2/29 | 0 |
| Lahan 26.7327 86.4776 110 0.0 0.0 0 0 0 NR 31.8 - 34.5/1 16.6 - | 15/9 | 29 |
| Lete 28.6327 83.6092 2490 2.8 20.0 1 0 0 0 1.2/12 18.0 - 20.6/1 4.9 - | 3/19 | 0 |
| Libang Gaun 28.3062 82.6323 1314 0.1 1.1 0 0 0 0 0.1/11 24.4 - 27.5/2 8.0 - | 6/22 | 0 |
| Lumbini 27.4703 83.2761 95 2.2 52.4 1 0 0 0 2.2/12 29.8 - 32.5/1 17.0 - | 13.5/22 | 13 |
| Lumle 28.2965 83.8179 1738 4.5 22.9 2 0 0 0 0 2.5/5 19.9 1.5 21.4/1 9.6 0.3 | 8/23 | 0 |
| Mahendra Nagar 28.9548 80.2305 197 0.0 0.0 0 0 0 NR 28.4 0.9 32.5/1 13.9 1.4 | 11.2/27 | 4 |
| Mangalsen 29.1361 81.2501 1310 1.8 20.0 1 0 0 0 1.8/12 23.5 - 27/1 9.5 - | 7.8/12 | 0 |
| Manma 29.1488 81.6135 1729 0.3 - 0 0 0 0 0.3/11 20.7 - 23.7/1 9.3 - | 7.7/12 | 0 |
| Manthali 27.3947 86.0612 497 0.0 0.0 0 0 0 NR 29.8 - 31.3/2 13.3 - | 11.5/27 | 19 |
| Manusmara 26.9280 85.4451 90 0.0 0.0 0 0 0 NR 29.6 0.4 32.2/18 16.7 1.7 | 14.6/24 | 10 |
| Musikot (Rukumkot) 28.6190 82.4625 1412 5.9 39.1 1 0 0 0 5.4/12 23.0 0.2 26.4/1 10.4 0.9 | 8.8/12 | 0 |
| Nagarkot 27.6933 85.5209 2147 0.0 0.0 0 0 0 NR 18.7 1.2 - 8.3 1.0 | 6.5/23 | - |
| Nagma 29.2006 81.9106 2017 7.5 76.5 1 0 0 0 7.5/11 19.3 - 23/1 4.5 - | 2/23 | 0 |
| Nepalgunj Airport 28.1006 81.6682 165 2.0 57.1 1 0 0 0 2/11 28.4 0.1 31.2/1 16.1 2.3 | 13.5/22 | 5 |
| Nepalgunj (Reg.Off.) 28.0520 81.6228 141 3.0 107.1 1 0 0 0 3/11 30.2 2.2 33.5/1 15.4 0.2 | 13/22 | 18 |
| Nuwakot 27.9150 85.1646 966 0.8 15.1 0 0 0 0 0.8/5 25.3 0.3 27.5/2 13.8 0.3 | 12.9/9 | 0 |
| Okhaldhunga 27.3081 86.5042 1731 0.0 0.4 0 0 0 0 0.01/5 21.9 1.1 24/20 9.8 -0.2 | 7.9/28 | 0 |
| Oli Gaun (Patkani) 29.1559 81.2831 989 30.5 - 1 1 1 0 30.5/12 18.9 - 21.2/5 11.2 - | 8.5/30 | 0 |
| | 6/9 | |
| | | 0 |
| | 8.8/17 | 1 |
| Parasi 27.5193 83.6622 112 0.0 0.3 0 0 0 0.01/12 29.8 - 32.5/17 15.4 - | 12/10 | 16 |
| Parwanipur 27.0789 84.9327 87 0.0 0.0 0 0 0 NR 29.9 0.4 32.8/17 15.9 1.4 | 14/23 | 14 |
| Patan new 29.4664 80.5506 1299 2.6 - 2 0 0 0 1.4/12 | - | - |
| Phattepur 26.7305 86.9348 101 0.0 0.0 0 0 0 NR 30.1 -0.8 32.9/1 15.9 0.3 | 14.3/11 | 14 |
| Phidim (Panchther) 27.1437 87.7656 1157 0.0 0.0 0 0 0 NR 26.2 1.3 28.5/2 12.2 0.7 | 10.5/30 | 0 |
| Pokhara Airport 28.2002 83.9795 827 0.5 3.0 0 0 0 0 0.5/5 25.0 0.6 26.7/1 13.3 1.0 | 11.8/30 | 0 |
| Pusma Camp 28.8755 81.2327 953 0.0 0.4 0 0 0 0.01/11 22.2 -0.3 24.1/1 11.5 -1.2 | 10/23 | 0 |
| Rajbiraj 26.5407 86.7425 68 0.0 0.0 0 0 0 NR 30.7 1.0 33/2 17.4 1.4 | 15.5/22 | 19 |
| Rampur 27.6540 84.3508 189 0.0 0.0 0 0 0 NR 28.2 -0.2 31/2 14.4 1.0 | 8/6 | 2 |
| Rara 29.5401 82.0818 2989 8.6 - 1 0 0 0 8.6/12 14.7 - 17/18 0.2 - | -1.5/12 | 0 |
| Salleri 27.5051 86.5862 2383 5.8 39.5 1 0 0 0 5.8/5 20.8 - 23/4 3.6 - | 2/22 | 0 |
| Salyan Bazar 28.3821 82.1423 1557 1.6 20.3 1 0 0 0 1.6/11 24.1 0.3 26.6/1 11.0 0.5 | 9.6/14 | 0 |



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| | | | Preci | ipitati | on | | | Temperature | | | | | | | | | |
|-----------------|----------|-----------|-----------|------------|-------------|--------|---------|-------------|---------|---|--------------|----------------------------|----------------------------|--------------|----------------------------|---------------------------|---------------------------------------|
| | | | | | | No. | of Ra | ainy E | Days | _ |] | Maxin | num | | Minin | ıum | |
| Station | Latitude | Longitude | Elevation | Total (mm) | % of Normal | ≥1.0mm | ≥10.0mm | ≥25.0mm | ≥50.0mm | 24hr Highest precipitaiton (mm)/Date | Average (°C) | Departure form normal (°C) | Highest temperature / Date | Average (°C) | Departure form normal (°C) | Lowest temperature / Date | No. of days with maximum temp. > 30°C |
| Semari | 27.4682 | 83.7861 | 110 | 0.0 | 0.2 | 0 | 0 | 0 | 0 | 0.01/12 | 29.4 | 1.9 | 32.5/2 | 15.8 | 2.2 | 13/21 | 14 |
| Simara Airport | 27.1642 | 84.9800 | 137 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 29.9 | 0.9 | 32.1/2 | 15.8 | 1.9 | 13.5/22 | 14 |
| Simikot | 29.9715 | 81.8161 | 2993 | 7.0 | - | 2 | 0 | 0 | 0 | 4.6/12 | 14.9 | - | 19.4/22 | 2.1 | - | 0.7/24 | 0 |
| Sindhuli Madhi | 27.2281 | 85.9050 | 556 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 27.9 | 0.5 | 30/2 | 12.9 | -0.2 | 11.5/10 | 1 |
| Siraha | 26.6561 | 86.2117 | 63 | 0.0 | 0.0 | 0 | 0 | 0 | 0 | NR | 31.3 | - | 34.2/1 | 17.5 | - | 15.5/26 | 29 |
| Surkhet Airport | 28.5879 | 81.6352 | 683 | 0.2 | 3.279 | 0 | 0 | 0 | 0 | 0.2/11 | 27 | 1.6 | 29.7/1 | 12 | 1.2 | 9.2/12 | 0 |
| Syangja | 28.0988 | 83.8722 | 871 | 2.41 | 40.85 | 1 | 0 | 0 | 0 | 2.4/5 | 25 | -0.3 | 27.8/2 | 13 | 1.3 | 4.6/29 | 0 |
| Tamghas | 28.0636 | 83.2435 | 1547 | 0.01 | 0.169 | 0 | 0 | 0 | 0 | 0.01/11 | 20 | 0.5 | 23.5/1 | 9.7 | 0.6 | 9/16 | 0 |
| Tansen | 27.8637 | 83.5387 | 1183 | 0 | 0 | 0 | 0 | 0 | 0 | NR | 25 | 0.7 | 26.7/2 | 13 | 2.1 | 12/12 | 0 |
| Taplejung | 27.3586 | 87.67 | 1744 | 4.8 | 38.4 | 1 | 0 | 0 | 0 | 4.7/5 | 21 | 1.3 | 22.7/1 | 8.3 | -0.5 | 6.2/30 | 0 |
| Tarahara | 26.6987 | 87.2786 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | NR | 31 | 2.1 | 34/1 | 15 | 0.8 | 13.5/26 | 27 |
| Taulihawa | 27.5711 | 83.0672 | 106 | 0.51 | 8.361 | 0 | 0 | 0 | 0 | 0.5/12 | 29 | 0.4 | 32.5/1 | 15 | 0.1 | 13.1/22 | 11 |
| Terhathum | 27.123 | 87.5362 | 1525 | 0 | 0 | 0 | 0 | 0 | 0 | NR | 23 | 0 | 25/1 | 11 | 1.2 | 10/30 | 0 |
| Thakmarpha | 28.7409 | 83.6816 | 2655 | 0.7 | 13.46 | 0 | 0 | 0 | 0 | 0.7/9 | 15 | 0.1 | 17.5/22 | 0.6 | -0.4 | -1.5/30 | 0 |
| Tikapur | 28.5366 | 81.115 | 149 | 0.5 | 18.52 | 0 | 0 | 0 | 0 | 0.5/11 | 29 | 0.8 | 31.8/1 | 14 | 1.4 | 11.9/25 | 6 |
| Udayapur Gadhi | 26.913 | 86.5397 | 469 | 0 | 0 | 0 | 0 | 0 | 0 | NR | 29 | 1.6 | 31/1 | 16 | -0.6 | 13.6/17 | 8 |

Note:

- "mm" = millimeter; "temp" = temperature; "-" = Data Not Available, "NR" = No rainfall.
- This summary is prepared based on the precipitation and temperature received at 112 meteorological stations during November, 2023. Out of 112 stations, 100 stations have normal precipitation data, 70 stations have normal maximum and minimum temperature data. Normal precipitation/temperature is the average of the monthly precipitation/temperature for period of 1991-2020.