

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

Babarmahal, Kathmandu

9th August 2024

## Preliminary Precipitation and Temperature Summary June, 2024

#### **Highlights**

Precipitation over the country as a whole was 94.7% of the normal indicating near-normal precipitation. Above normal maximum temperature was observed in most part of the country. Most part of the country observed above normal minimum temperature. Baglung, Chainpur (Bajhang), Changunarayan, Darchula, Jumla and Patan (Baitadi) stations made the new record of highest maximum temperature.

#### **Synoptic Sequence**

Monsoon entered into eastern Nepal three days earlier than normal onset day on 10<sup>th</sup> June covering eastern half of Koshi Province. It spread over remaining part of Koshi Province, Madhesh Province, Bagamati province, most part of Gandaki Province and eastern part of Lumbini Province on 20<sup>th</sup> June and covered whole Nepal on 24<sup>th</sup> June (Figure 1). Western disturbances along with local disturbances affected the weather of eastern Nepal during the first week and first half of second week of June while western disturbances along with local disturbances affected remaining part of Nepal until 24<sup>th</sup> June.

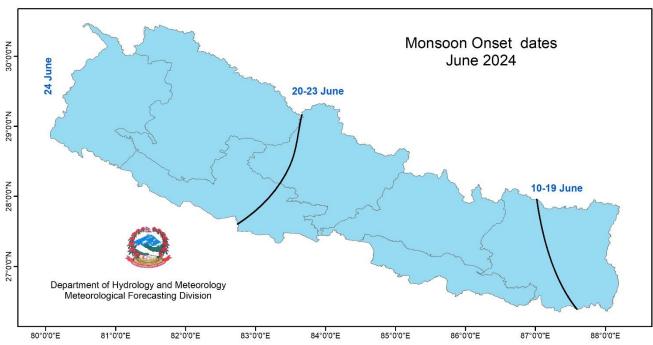


Figure 1: Monsoon onset dates in 2024

#### **Precipitation**

Southern part of Koshi Province recorded precipitation greater than 800 mm while northern part of Karnali Province and north-western part of Gandaki Province recorded precipitation less than 50 mm (Figure 2). Most part of Sudurpaschim Province and Karnali Province, large part of Gandaki Province, Lumbini Province, and Bagamati province, and western part of Madhesh Province recorded below normal precipitation while southern and north-eastern part of Koshi Province recorded above normal precipitation (Figure 3). Biratnagar Airport station recorded the highest monthly precipitation of 879.4 mm with highest percentage of normal of 287.2% while Jomsom station recorded the lowest monthly precipitation of 0.03 mm with lowest percentage of normal

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

Babarmahal, Kathmandu

of 0.1% (Annex 1). Based on the average of 100 stations (stations with normal precipitation data shown in figure 2), Nepal received 94.7% of the normal precipitation. The highest daily precipitation of 361.0 mm was recorded at Biratnagar Airport on 26<sup>th</sup> June. The country averaged total precipitation of June 2024 was higher than in 2023 but lower than the precipitation recorded from 2020, 2021 and 2022 (Figure 4).

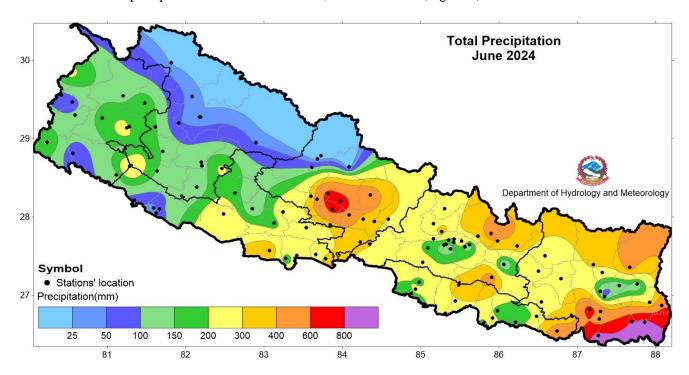


Figure 2: Total precipitation in June 2024.

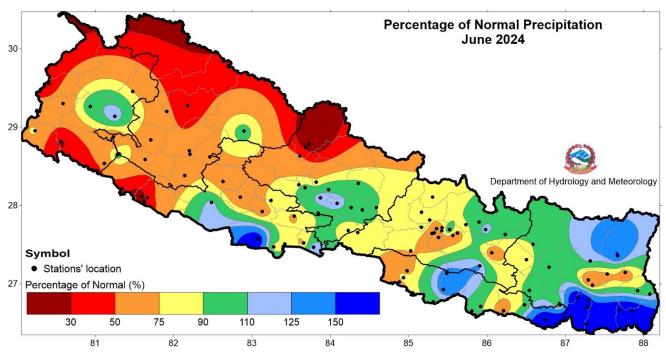


Figure 3: Percentage of normal precipitation in June 2024.



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

Babarmahal, Kathmandu

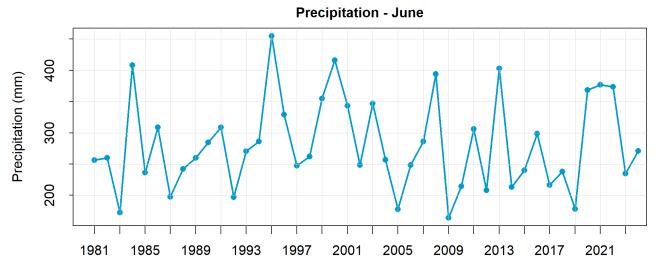


Figure 4: Monthly total precipitation of June from 1981 to 2024 at 97 stations (average of monthly total precipitation sum at stations having long term data).

The temporal distribution of monthly cumulative average of daily precipitation shows that precipitation was near-normal at first and last week, but below normal for the remaining of the period (Figure 5).

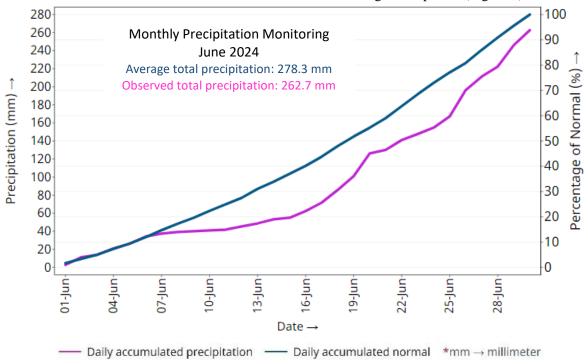


Figure 5: Cumulative average of daily normal and observed precipitation during June 2024.

#### **Maximum Temperature**

Western and central Terai recorded higher maximum temperature in comparison to eastern Terai (Figure 6). Above normal maximum temperature was observed in most part of the country with higher positive anomalies in the western part (Figure 7). Nepalgunj (Regional Office) station and Humde station recorded the highest and lowest monthly maximum temperature of 40.2°C and 20.2°C respectively. Similarly, the highest monthly anomaly of 3.9°C was recorded at Nepalgunj (Regional Office) station and the lowest of -1.5°C was recorded at

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

Babarmahal, Kathmandu

Semari station (Annex 1). The highest daily maximum temperature of 44.6°C was recorded at Nepalgunj (Regional Office) station on 13<sup>th</sup> June while the lowest daily maximum temperature of 16.9°C was recorded at Humde station on 26<sup>th</sup> June. The country averaged maximum temperature of June 2024 was lower than in 2023 but higher than the temperature recorded from 2020, 2021 and 2022 (Figure 8).

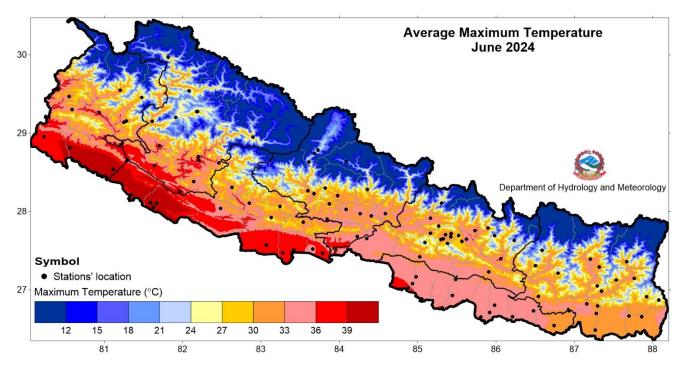


Figure 6: Maximum Temperature in June 2024.

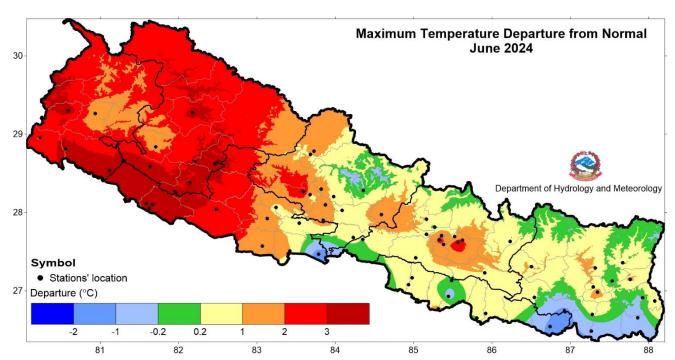


Figure 7: Departure from normal maximum temperature in June 2024.

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

Babarmahal, Kathmandu

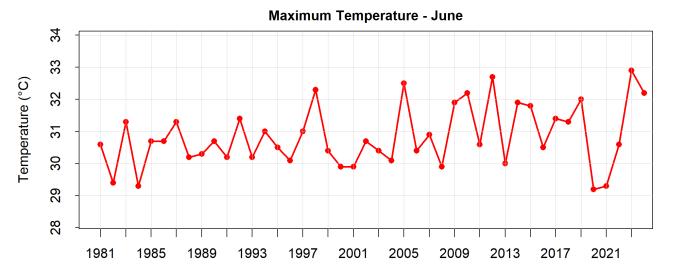


Figure 8: Monthly average maximum temperature of June from 1981 to 2024 at 59 stations (average of monthly average maximum temperature at stations having long term data).

#### **Minimum Temperature**

The minimum temperature in the Terai remained above 24°C, reaching over 27°C in some areas (Figure 9). Most part of the country observed above normal minimum temperature (Figure 10). Nepalgunj (Regional Office) station and Humde station recorded the highest and lowest monthly minimum temperature of 28.0°C and 9.4°C respectively. Similarly, the highest monthly anomaly of 2.9°C was recorded at Chainpur (East) station and the lowest anomaly of -1.0°C was recorded at Tikapur station (Annex 1). The highest daily minimum temperature of 31.8°C was recorded at Khajura station on 19<sup>th</sup> June while the lowest daily minimum temperature of 6.0°C was recorded at Humde station on 6<sup>th</sup> June. The country's average minimum temperature in June 2024 was the highest since 1999 (Figure 11).

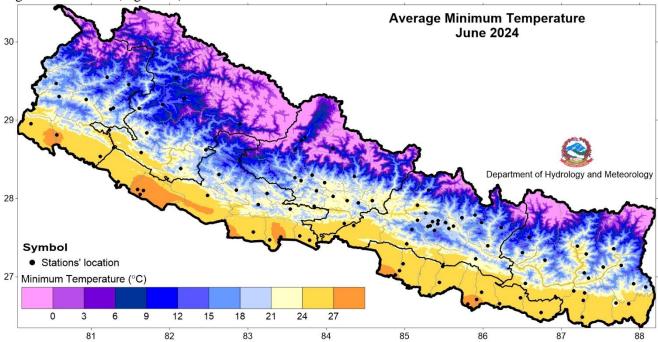


Figure 9: Minimum Temperature in June 2024.



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

Babarmahal, Kathmandu

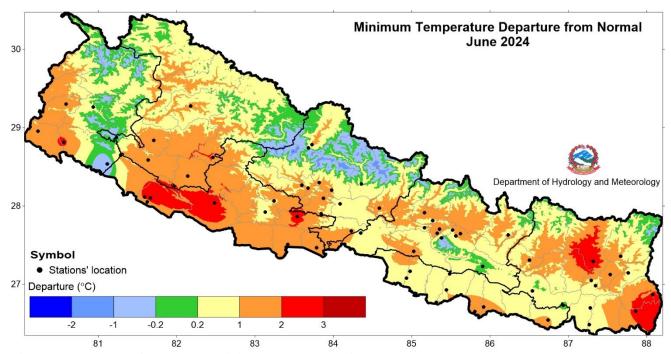


Figure 10: Departure from normal minimum temperature in June 2024.

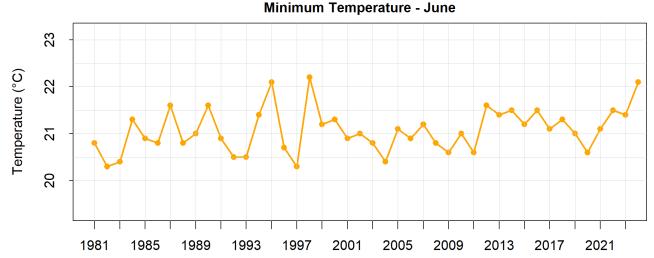


Figure 11: Monthly average minimum temperature of June from 1981 to 2024 at 60 stations (average of monthly average minimum temperature at stations having long term data).

#### Hot days and Heat wave

Hot days and heat waves were observed on the first second and third week of June in several parts of the western Terai. The temperature was exceeding 40°C for a few days mostly in Kailali, Banke, Dang, Kapilbastu, Rupandehi and Parsa districts.

#### **Drought**

Jomsom station recorded trace amount of precipitation in June indicating extreme drought condition. Similarly, extreme drought condition was also observed at Khajura station, Nepalgunj (Regional Office) and Dhangadhi (Attariya) stations with below normal precipitation by 87.6%, 84.4% and 75.2%



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

Babarmahal, Kathmandu

respectively. Large areas over Sudurpaschim Province, Karnali Province and Lumbini Province faced moderate to severe drought condition (Figure 3). 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.

Table 1: Categorization of drought.

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

Some of the stations broke the previous record of ever-recorded extremes and June's extremes of maximum temperature and precipitation (Table 2, 3 & 4).

Table 2: List of stations breaking ever-recorded highest daily maximum temperature in June 2024.

S.N.	Station Name	District	Record break maximum temperature (°C)/Date	Previous highest maximum temperature (°C)/Date
1	Baglung	Baglung	39.5/2024-06-12	39.2/1994-05-04
2	Chainpur	Bajhang	37.6/2024-06-15	36.5/2012-06-15
3	Changu Narayan	Bhaktapur	35.4/2024-06-10	33.6/2015-06-06
4	Darchula	Darchula	40.0/2024-06-15	39.5/2015-06-10
5	Jumla	Jumla	32.0/2024-06-14	31.9/1990-06-25
6	Patan	Baitadi	39.0/2024-06-08	35.5/2019-06-15

Table 3: List of stations breaking the June's highest daily maximum temperature in June 2024.

S.N.	Station Name	District	Record break maximum temperature (°C)/Date	Previous highest maximum temperature (°C)/Date
1	Baglung	Baglung	39.5/2024-06-12	37.5/1998-06-11
2	Baitadi (Gothalapani)	Baitadi	39.0/2024-06-16	36.6/2019-06-30
3	Chainpur	Bajhang	37.6/2024-06-15	36.5/2012-06-15
4	Changu Narayan	Bhaktapur	35.4/2024-06-10	33.6/2015-06-06
5	Darchula	Darchula	40.0/2024-06-15	39.5/2015-06-10
6	Dhulikhel	Kavrepalanchok	35.5/2024-06-11	33.5/1998-06-11
7	Jumla	Jumla	32.0/2024-06-14	31.9/1990-06-25
8	Kathmandu Airport	Kathmandu	35.3/2024-06-15	35.2/2012-06-13
9	Musikot (Rukumkot)	Rukum West	36.9/2024-06-14	36.0/2011-06-22
10	Panchkhal	Kavrepalanchok	38.9/2024-06-10	38.5/2005-06-01
11	Patan	Baitadi	39.0/2024-06-08	35.5/2019-06-15

Table 4: Station breaking June's highest daily precipitation in June 2024.

S.N.	Station Name	District	Record break daily precipitation (mm)/Date	Previous highest precipitation(mm)/Date
1	Rajbiraj	Saptari	225.6/2024-06-26	178.0/1972-06-19
2	Biratnagar Airport	Morang	361.0/2024-06-26	158.6/1975-06-16



# Government of Nepal Ministry of Energy, Water Resource and Irrigation Department of Hydrology and Meteorology

## Climate Division (Climate Analysis Section) Babarmahal, Kathmandu

### Annex 1: Monthly precipitation and temperature data of June 2024

Station						Prec	ipitati	on		Temperature								
Baglung							No.	of Ra	ainy D	ays	te		Maxin	num		Minim	ıum	υ
Baghing   28,26%   83,6003   964   30.00   85.7   13   6   4   1   23,679   35.2   3.4   30,712   20.0   2.2   1.4   20.2	Station	Latitude	Longitude	Elevation	Total (mm)	% of Normal	≥1.0mm	≥10.0mm	>25.0mm	>50.0mm	24hr Highest precipitaiton (mm)/Da	Average (°C)	Departure form normal (°C)	Highest temperature / Date	Average (°C)	Departure form normal (°C)	Lowest temperature / Date	of days with imum temp. >
Bahrabise	Baglung	28.2636	83.6003	964	309.0	85.7	13	6	4	1	123.6/29	35.2	3.4		29.0	22.2		
Baitang (Gothulappami)										3								
Bajura (Maradar)													-				-	
Bandipur				1598		75.0	13	6	2	1			-		18.0	19.8	-	16.2/6
Bhairahwa Airport   27.5068   83.4204   108   231.2   90.8   12   6   83   1.74.229   36.6   1.1   40.4712   29.0   27.1   1.2   22.44     Bhairahya Airport   27.6076   83.4204   1015   17.68   78.8   16   7.2   0   36.2073   33.3   36.0   36.0   20.0   27.1   1.2   22.44     Birathagar Airport   28.1035   82.8520   835   103.6   51.2   8   3.0   2   0   37.25   35.2   3.89   30.0   22.7   -   19.26     Birathagar Airport   26.4440   87.267   72   879.4   287.2   17   11   9   4   361.26   32.3   0.8   35.27   24.0   25.5   0.2   22.44     Birganj   27.0232   84.8782   67   127.2   59.1   14.8   21   7   5   0   37.50   37.1   -   -   - 27.8   -   -   - 27.8     Chainpur Bajhang   29.5459   81.2011   105   127.7   -   12   2   2   0   43.6474   31.6   31.5   31.5   30.0   20.0   -   15.666     Changu Nanyan   27.716   85.4268   502   187.3   67.5   13   8   4   0   40.418   31.3   -   35.410   20.0   10.6   -   17.5     Chapakot   27.8999   83.489   617   313.3   92.9   14   7   6   2   0   40.418   31.3   -   35.410   20.0   20.1   6   -   17.5     Charlott   27.6002   85.9802   213.3   39.5   119.0   20   14   7   6   40.245   34.0   -   36.912   20.0   20.1   6   -   12.426     Chataran   26.8204   87.1592   105   717.4   209.2   23   13   7   5   16.425   34.0   -   36.912   20.0   25.4   -   22.18     Chauthara   27.7538   85.7321   1552   317.3   87.7   15   9   2   1   17.642   31.2   -   35.6410   20.0   16.9   -   12.426     Chataran   28.6474   81.2884   201   307.7   99.0   8   8   4   3   7   5   16.425   34.0   -   35.6410   20.0   16.9   -   12.426     Chataran   29.3048   80.8578   187   111.8   61.1   9   5   1   0   28.828   30.1   33.7   14.9   29.0   25.4   -   22.18     Chauthara   29.3048   80.8578   187   111.8   61.1   9   5   1   0   28.828   30.1   33.7   14.9   29.0   25.4   -   22.18     Chauthara   29.2428   80.8588   87   22.5   1.7   1.8		27.9418	84.4064	991		105.5	16	11		1	80.6/23	30.6	-	32.5/2	20.0		-	14/6
Bukktpur	Bhairahawa Airport	27.5068	83.4204	108				6		1							1.2	
Bijuwar Tar		27.6767	85.4240	1315		78.8	16	7		0							-	
Birgani		28.1035	82.8520		103.6	51.2		3		0			-	38/9			-	_
Birgani	Biratnagar Airport	26.4840	87.2670	72	879.4	287.2	17	11	9	4	361/26	32.3	-0.8	35.2/7	24.0	25.5	0.2	22.4/4
Chainpur (East)   27.921   87.3170   1277   259.1   11.48   21   7   5   0   39.230   293   0.9   31.53   13.0   21.1   2.9   19.6   Chainpur Bajhang   29.5459   81.2011   1405   127.7     12   2   2   0   43.624   33.6   -   37.615   30.0   20.0   -   17.5   Chapaga Narayan   27.161   85.4268   1502   187.3   67.5   13   8   4   0   40.418   31.3   - 3.54410   22.0   19.6   -   17.5   Chapaga Narayan   27.7161   85.4268   1502   187.3   67.5   13   8   4   0   40.418   31.3   - 3.54410   22.0   19.6   -   17.5   Chapaga Narayan   27.6902   85.9802   2132   397.5   119.0   20   14   7   0   49.125   24.1   -   26.810   0.0   16.4   -   12.426   Chatrian   26.8204   87.1592   105   71.7   40.92   23   13   7   5   176.425   34.0   -   36.912   20.0   25.4   -   22.18   Chaurjhan   17a   28.6540   82.2103   863   120.4   72.8   10   3   2   0   47.70   38.2   3.1   41.511   300   -   -   -   -   -   -   -   -   -				67			9	5	1	0			-		-		-	-
Changu Narayan				1277	259.1	114.8	21	7	5	0			0.9	31.5/3	13.0	21.1	2.9	19/6
Chapakot   27.8999   83.8459   617   313.3   92.9   14   7   6   2   80.229   34.6   1.6   37.5/11   29.0   23.0   0.9   15.5/20   Charkot   27.6902   85.9802   2132   397.5   119.0   20   14   7   0   49.125   24.1   26.8710   0.0   16.4   - 12.4/26   Chatara   26.8204   87.1592   105   717.4   209.2   23.1   3   7   5   15.6/425   34.0   - 36.9/12   29.0   25.4   - 22/18   (Chaurihari Tar   28.6540   82.2103   863   120.4   72.8   10   3   2   0   47.30   38.2   3.1   41.5/11   30.0   -   -   -   -   Chautara   27.7538   85.7321   1552   317.3   87.7   15   9   2   1   117.6/12   31.2   - 35.6/10   24.0   16.9   -   14.6/2   Chisapani(Kamali)   28.6472   81.2854   201   307.7   99.0   8   8   4   3   37.5574   38.7   3.7   42.59   30.0   27.1   1.3   20.5/11   20.0   20.0   26.0	Chainpur Bajhang	29.5459	81.2011	1405	127.7	-	12	2	2	0	43.6/24	33.6	-	37.6/15	30.0	20.0	-	15.6/6
Chapakot   27.8999   83.8459   617   313.3   92.9   14   7   6   2   80.229   34.6   1.6   37.5/11   29.0   23.0   0.9   15.5/20   Charikot   27.6902   85.9802   213   397.5   119.0   20   14   7   0   49.1/25   24.1   2.68/10   0.0   16.4   - 12.4/26   Chatara   26.8204   87.1592   105   717.4   209.2   23   13   7   5   176.4/25   34.0   - 36.9/12   90.2   25.4   - 22/18   Chaurihari Tar   28.6540   82.2103   863   120.4   72.8   10   3   2   0   47/30   38.2   3.1   41.5/11   30.0   -   -   -   Chautara   27.7538   85.7321   1552   317.3   87.7   15   9   2   1   117.6/12   31.2   - 35.6/10   24.0   16.9   -   14.6/2   Chisapani(Kamali)   28.6472   81.2854   201   307.7   99.0   8   8   4   3   73.5/24   387.3   37.   42.59   30.0   27.1   1.3   20.5/11   20.0   20.0   26.0   26.0   27.828   29.0   25.0   19.2   1.6   15.8/19   Damak   29.3014   80.5878   1394   145.1   60.1   13   5   1   0   27.8/28   32.9   1.5   36.8/15   25.0   19.2   1.6   15.8/19   Damak   26.6623   37.6988   119   807.7   91.5   14   12   12   9   3   13/18   30.1   20.5/11   20.0   20.0   27.8/28   29.0   25.6   23.7   20.0   22.6   166.0   -   13   6   1   0   48.2/18   23.1   -   26.2/10   0.0   14.7   -   10.7/5   Damauli   27.9737   84.2651   347   343.7   104.3   18   11   5   1   71/26   35.0   37.5/24   29.0   24.7   -   19.5/2   Darchula New   29.8429   80.5388   887   225.7   11   6   4   1   85.6/26   36.0   -   40/15   30.0   22.3   -     Dharam Bazar   26.7922   37.2978   310   536.2   168.7   20   12   6   3   44.3/18   32.9   3.4   44/10   30.0   27.6   2.2   24.6/6   Dharakuta   26.9832   87.3460   1192   90.3   62.9   15   3   0   0   18.9/18   29.3   1.4   30.9/5   13.0   21.0   0.6   19.2/2   Dharam Bazar   26.7922   37.2978   310   536.2   168.7   20   2   6   3   44.3/18   32.9   35.5/11   10.0   18.8   0.9   15.5/3   Dhuniche   27.2129   85.1643   90.1   21.7   86.6   17   8   2   0   3.9926   23.8   10.0   35.7/11   20.0   25.5   22.2   23.2   23.2   23.2   23.2   23.2   23.2   23.2   23.2   23.2   23.2   23.	Changu Narayan	27.7161	85.4268	1502	187.3	67.5	13	8	4	0	40.4/18	31.3	-	35.4/10	22.0	19.6	-	17/5
Charikot   27,6902   85,9802   2132   397.5   119.0   20   14   7   0   49.1/25   24.1   - 26.87/10   0.0   16.4   - 12.4/26   Chatara   26.8204   87,1592   105   717.4   209.2   23   13   7   5   176.4/25   34.0   36.97/12   29.0   25.4   - 22/18   Chaurjani Tar   28,6504   82,2103   863   120.4   72.8   10   3   2   0   47/30   38.2   3.1   41.5/11   30.0     -   Chautara   27,7538   85,7321   1552   317.3   87.7   15   9   2   1   11.6/12   31.2   -   35,67/10   24.0   16.9   -   14.6/2   Chisapani(Kamali)   28,6472   81.2854   201   307.7   99.0   8   8   4   3   73.5/24   38.7   3.7   42.5/9   30.0   27.1   1.3   20.5/1   Dadeldhura   29,3014   80,5878   1879   111.8   61.1   9   5   1   0   28/4   297   3.3   33/16   14.0   18.0   1.3   -   Dailekh   28,8381   81.7085   1394   145.1   60.1   13   5   1   0   28/4   29.7   3.3   33/16   14.0   18.0   1.3   -   Dainaha   26,6622   87.6988   119   807.7   191.5   14   12   9   137/18   33.0   -   36/23   26.0   23.7   -   21.5/2   Daman   27.6044   85.0920   2265   166.0   -   13   6   1   0   48.2/18   23.1   -   26.2/10   0.0   14.7   -   10.7/5   Damadi   27.9737   84.2651   347   343.7   104.3   18   11   5   1   71/26   35.0   -   37.5/24   29.0   24.7   -   19.5/2   Darchula New   29.8429   80.5388   887   225.7   -   11   64   1   88.56/26   36.0   -   40/15   30.0   22.3   -   -   Danagadhi (Attariya)   28.8127   80.5600   184   62.3   24.8   5   2   1   0   26.5/23   39.7   34   44/10   30.0   27.6   22.2   24.66   Dhankuta   26.9832   87.3460   1192   90.3   62.9   15   8   1   0   26.5/23   39.7   34   44/10   30.0   27.6   22.2   24.66   Dhankuta   26.9832   87.3460   1192   90.3   62.9   15   8   1   0   26.5/23   39.7   34   44/10   30.0   27.6   22.2   24.66   Dhankuta   27.6161   85.5655   1543   148.0   65.9   15   8   1   0   26.5/23   39.7   24.7   25.5/18   24.0   24.	Chapakot	27.8999	83.8459	617			14	7	6	2	80.2/29	34.6	1.6	37.5/11	29.0		0.9	15.5/20
Chatara   26.8204   87.1592   105   717.4   209.2   23   13   7   5   176.4/25   34.0   - 36.9/12   29.0   25.4   - 22/18						119.0	20	14	7	0							-	
Chaurjhari Tar   28.6540   82.2103   863   120.4   72.8   10   3   2   0   47/30   38.2   31.   41.5/11   30.0   -   -   -   -	Chatara			105		209.2		13		5			-		29.0	25.4	-	22/18
Chautara											47/30		3.1				-	-
Chisapani(Karnali)   28.6472   81.2854   201   307.7   99.0   8   8   4   3   73.5/24   38.7   3.7   42.5/9   30.0   27.1   1.3   20.5/1		27.7538	85.7321							1						16.9	_	14.6/2
Dadeldhura   29.3014   80.5878   1879   111.8   61.1   9   5   1   0   28.44   29.7   3.3   33.16   14.0   18.0   1.3   - 1.3								8									1.3	
Dailekh   28.8381   81.7085   1394   145.1   60.1   13   5   1   0   27.8/28   32.9   1.5   36.8/15   25.0   19.2   1.6   15.8/19   Damak   26.6623   87.6988   119   807.7   191.5   14   12   12   9   137/18   33.0   - 36/23   26.0   23.7   - 21.5/2   Daman   27.6044   85.0920   2265   166.0   - 13   6   1   0   48.2/18   23.1   - 26.2/10   0.0   14.7   - 10.7/5   Damauli   27.9737   84.2651   347   343.7   104.3   18   11   5   1   71/26   35.0   - 37.5/24   29.0   24.7   - 19.5/2   Darchula New   29.8429   80.5388   887   225.7   - 11   6   4   1   85.6/26   36.0   - 40/15   30.0   22.3   - 10.0   Dhangadhi (Attariya)   28.8127   80.5600   184   62.3   24.8   5   2   1   0   26.5/23   39.7   3.4   44/10   30.0   27.6   22.2   24.66   Dhankuta   26.9832   87.3460   1192   90.3   62.9   15   3   0   0   18.9/18   29.3   1.4   30.9/5   13.0   21.0   0.6   19.2/2   Dharan Bazar   26.7922   87.2978   310   536.2   168.7   20   12   6   3   144.3/18   32.2   - 35.4/12   26.0   25.4   - 22.5/18   Dhulikhel   27.6161   85.5655   1543   148.0   65.9   15   8   1   0   40.7/30   29.4   2.7   35.5/11   10.0   18.8   0.9   15.5/3   Dhunche   28.1053   85.3077   2005   217.1   78.6   17   8   2   0   35.9/26   25.3   - 27.7/11   0.0   16.9   - 14.6/5   Dhunibesi   27.7229   85.1643   991   214.1   90.9   11   9   3   0   39.00   30.2   32.8   10.3   37.7/15   20.0   22.4   0.9   17.8/6   Diwaldi   27.607   84.2285   183   30.89   73.6   15   9   5   2   57/28   35.6   5.3   38.5/12   30.0   23.5   0.3   19.1/3   Durnkauli   27.607   84.2285   183   30.89   73.6   15   9   5   2   57/28   35.6   5.3   38.5/12   30.0   25.5   2.2   23/2   30.0   23.6   23.8							9		1							_		-
Damak   26.6623   87.6988   119   807.7   191.5   14   12   12   9   137/18   33.0   - 36/23   26.0   23.7   - 21.5/2   Daman   27.6044   85.0920   2265   166.0   - 13   6   1   0   48.2/18   23.1   - 26.2/10   0.0   14.7   - 10.7/5   Damauli   27.9737   84.2651   347   343.7   104.3   18   11   5   1   71/26   35.0   - 37.5/24   29.0   24.7   - 19.5/2   Darchula New   29.8429   80.5388   887   225.7   - 11   6   4   1   85.626   36.0   - 40/15   30.0   22.3   Dhangadhi (Attariya)   28.8127   80.5600   184   62.3   24.8   5   2   1   0   26.5/23   39.7   3.4   44/10   30.0   27.6   2.2   24.6/6   Dhankuta   26.9832   87.3460   1192   90.3   62.9   15   3   0   0   18.9/18   29.3   1.4   30.9/5   13.0   21.0   0.6   19.2/2   Dharan Bazar   26.7922   87.2978   310   536.2   168.7   20   12   6   3   144.3/18   32.2   - 35.4/12   26.0   25.4   - 22.5/18   Dhulikhel   27.6161   85.5655   1543   148.0   65.9   15   8   1   0   40.7/30   29.4   2.7   35.5/11   10.0   18.8   0.9   15.5/3   Dhunche   28.1053   85.3077   2005   217.1   78.6   17   8   2   0   35.9/26   25.3   - 27.7/11   0.0   16.9   - 14.6/5   Dhimibesi   27.7229   85.1643   991   214.1   90.9   11   9   3   0   39/20   23.8   1.0   35.7/15   29.0   22.4   0.9   17.8/6   Diktel   27.2125   86.7919   1612   248.0   99.3   17.9   79.2/23   26.5   - 28.8/1   0.0   18.9   - 14.5/1   Dumkauli   27.6807   84.2285   183   308.9   73.6   15   9   5   2   57/28   35.6   0.5   38.5/14   20.0   26.4   1.2   23/5   Dunai   28.9507   82.8960   2098   45.4   100.9   9   1   0   0   15.2/25   31.2   - 34.5/14   22.0   3.6   - 10/4   Gaida (Kankai)   26.6569   87.8607   107   874.5   195.9   21   16   12   7   152.5/18   23.7   0.6   6.6   6.5/7   28.0   25.5   2.2   23/2   Gluariya   28.2128   81.3452   126   75.7   37.5   4   2   2   0   41/30   30.0   - 42.3/18   30.0   26.7   - 22.9/20   Hetauda N.F.I.   27.4202   85.0252   452   275.4   75.6   15   9   5   0   45/28   33.6   0.2   36.6/12   29.0   23.2   1.2   20.5/2   Gulariya   28.22901   28.3608   3401	Dailekh	28.8381	81.7085	1394	145.1	60.1	13	5	1	0	27.8/28		1.5		25.0	19.2	1.6	15.8/19
Daman			87.6988	119	807.7	191.5	14	12	12	9	137/18	33.0	-		26.0	23.7	-	21.5/2
Damauli	Daman	27.6044	85.0920	2265	166.0			6	1	0			-	26.2/10	0.0		-	10.7/5
Dhangadhi (Attariya)   28.8127   80.5600   184   62.3   24.8   5   2   1   0   26.5/23   39.7   3.4   44/10   30.0   27.6   2.2   24.6/6   Dhankuta   26.9832   87.3460   1192   90.3   62.9   15   3   0   0   18.9/18   29.3   1.4   30.9/5   13.0   21.0   0.6   19.2/2   24.8   19.3   24.8   25.7   26.7922   87.2978   310   536.2   168.7   20   12   6   3   144.3/18   32.2   - 35.4/12   26.0   25.4   - 22.5/18   25.5   25.4   148.0   65.9   15   8   1   0   40.7/30   29.4   2.7   35.5/11   10.0   18.8   0.9   15.5/3   25.5   25.4   148.0   65.9   15   8   1   0   40.7/30   29.4   2.7   35.5/11   10.0   16.9   - 14.6/5   20.0   25.4   - 22.5/18   25.5   25.4   26.0   25.4   - 22.5/18   25.5   25.4   26.0   25.4   - 22.5/18   25.5   25.4   26.0   25.4   - 22.5/18   25.5   25.4   26.0   25.4   - 22.5/18   25.5   25.4   26.0   25.4   - 22.5/18   25.5   25.	Damauli	27.9737	84.2651	347	343.7	104.3	18	11	5	1	71/26	35.0	-	37.5/24	29.0	24.7	-	19.5/2
Dhankuta   26.9832   87.3460   1192   90.3   62.9   15   3   0   0   18.9/18   29.3   1.4   30.9/5   13.0   21.0   0.6   19.2/2	Darchula New	29.8429	80.5388	887	225.7	-	11	6	4	1	85.6/26	36.0	-	40/15	30.0	22.3	-	-
Dharan Bazar   26.7922   87.2978   310   536.2   168.7   20   12   6   3   144.3/18   32.2   -   35.4/12   26.0   25.4   -   22.5/18   Dhulikhel   27.6161   85.5655   1543   148.0   65.9   15   8   1   0   40.7/30   29.4   2.7   35.5/11   10.0   18.8   0.9   15.5/3   Dhunche   28.1053   85.3077   2005   217.1   78.6   17   8   2   0   35.9/26   25.3   -   27.7/11   0.0   16.9   -   14.6/5   Dhunibesi   27.7229   85.1643   991   214.1   90.9   11   9   3   0   39/20   32.8   1.0   35.7/15   29.0   22.4   0.9   17.8/6   Diktel   27.2125   86.7919   1612   248.0   99.3   19   7   3   1   79.2/23   26.5   -   28.8/1   0.0   18.9   -   14.5/1   Dipayal (Doti)   29.2621   80.9369   563   170.0   102.5   9   6   3   0   48.3/28   38.0   1.5   42.4/18   30.0   23.5   0.3   19.1/3   Dumkauli   27.6807   84.2285   183   308.9   73.6   15   9   5   2   57/28   35.6   0.5   38.5/12   30.0   26.4   1.2   23/5   Dunai   28.9507   82.8960   2098   45.4   100.9   9   1   0   0   15.2/25   31.2   -   34.5/14   22.0   13.6   -   10/4   Gaida (Kankai)   26.6569   87.8607   107   874.5   195.9   21   16   12   7   152.5/18   32.7   0.6   36.5/7   28.0   25.5   2.2   23/2   Gur   26.7671   85.3130   77   201.2   89.8   10   5   4   1   70/30   36.1   1.3   39.3/12   30.0   25.3   0.7   22/6   Godavari   27.5929   85.3788   1527   131.7   51.0   12   6   1   0   35.6/26   28.8   1.9   31.5/14   9.0   16.9   -0.5   14/3   Gorkha (Birenchowk)   27.9714   84.5894   724   290.5   90.2   14   5   4   1   109.2/17   33.5   2.0   36.7/12   29.0   23.2   1.2   20.5/2   Gulariya   28.2128   81.3452   126   75.7   37.5   4   2   2   0   41/30   39.0   -   42.3/18   30.0   26.1   -   21.5/10   Hardinath   26.8000   85.9833   93   160.4   -   10   5   3   0   46/20   33.7   -   36.7/1   30.0   26.7   -   22.9/20   Hetauda N.F.L   27.4202   85.0252   452   275.4   75.6   15   9   5   0   45/28   33.6   0.2   36.6/12   29.0   24.7   1.4   21.5/6   Humde   28.6999   82.2001   1236   46.2   53.8   12   4   2   0   45.4/30   35.2   -   37.5/1   30	Dhangadhi (Attariya)	28.8127	80.5600	184	62.3	24.8	5	2	1	0	26.5/23	39.7	3.4	44/10	30.0	27.6	2.2	24.6/6
Dhulikhel   27.6161   85.5655   1543   148.0   65.9   15   8   1   0   40.7/30   29.4   2.7   35.5/11   10.0   18.8   0.9   15.5/3	Dhankuta	26.9832	87.3460	1192		62.9	15	3	0	0	18.9/18	29.3	1.4	30.9/5	13.0	21.0	0.6	19.2/2
Dhunche   28.1053   85.3077   2005   217.1   78.6   17   8   2   0   35.9/26   25.3   -   27.7/11   0.0   16.9   -   14.6/5	Dharan Bazar	26.7922	87.2978	310	536.2	168.7	20	12	6	3	144.3/18	32.2	-	35.4/12	26.0	25.4	-	22.5/18
Dhunibesi   27.7229   85.1643   991   214.1   90.9   11   9   3   0   39/20   32.8   1.0   35.7/15   29.0   22.4   0.9   17.8/6	Dhulikhel	27.6161	85.5655	1543	148.0	65.9	15	8	1	0	40.7/30	29.4	2.7	35.5/11	10.0	18.8	0.9	15.5/3
Diktel   27.2125   86.7919   1612   248.0   99.3   19   7   3   1   79.2/23   26.5   -   28.8/1   0.0   18.9   -   14.5/1	Dhunche	28.1053	85.3077	2005	217.1	78.6	17	8	2	0	35.9/26	25.3	-	27.7/11	0.0	16.9	-	14.6/5
Dipayal (Doti)   29.2621   80.9369   563   170.0   102.5   9   6   3   0   48.3/28   38.0   1.5   42.4/18   30.0   23.5   0.3   19.1/3	Dhunibesi	27.7229	85.1643	991	214.1	90.9	11	9	3	0	39/20	32.8	1.0	35.7/15	29.0	22.4	0.9	17.8/6
Dumkauli         27.6807         84.2285         183         308.9         73.6         15         9         5         2         57/28         35.6         0.5         38.5/12         30.0         26.4         1.2         23/5           Dunai         28.9507         82.8960         2098         45.4         100.9         9         1         0         0         15.2/25         31.2         -         34.5/14         22.0         13.6         -         10/4           Gaida (Kankai)         26.6569         87.8607         107         874.5         195.9         21         16         12         7         152.5/18         32.7         -0.6         36.5/7         28.0         25.5         2.2         23/2           Gaur         26.7671         85.3130         77         201.2         89.8         10         5         4         1         70/30         36.1         1.3         39.3/12         30.0         25.3         0.7         22/6           Ghorai (Dang)         28.0372         82.4842         663         291.8         116.8         9         7         5         2         80.4/22         35.5         2.8         40.2/11         29.0         25.3	Diktel				248.0			7		1							-	14.5/1
Dunai         28.9507         82.8960         2098         45.4         100.9         9         1         0         0         15.2/25         31.2         -         34.5/14         22.0         13.6         -         10/4           Gaida (Kankai)         26.6569         87.8607         107         874.5         195.9         21         16         12         7         152.5/18         32.7         -0.6         36.5/7         28.0         25.5         2.2         23/2           Gaur         26.7671         85.3130         77         201.2         89.8         10         5         4         1         70/30         36.1         1.3         39.3/12         30.0         25.3         0.7         22/6           Ghorai (Dang)         28.0372         82.4842         663         291.8         116.8         9         7         5         2         80.4/22         35.5         2.8         40.2/11         29.0         25.3         0.7         22/6           Godavari         27.5929         85.3788         1527         131.7         51.0         12         6         1         0         35.6/26         28.8         1.9         31.5/14         9.0         16.9	Dipayal (Doti)	29.2621	80.9369	563	170.0	102.5	9	6	3	0	48.3/28	38.0	1.5	42.4/18	30.0	23.5	0.3	19.1/3
Gaida (Kankai)         26.6569         87.8607         107         874.5         195.9         21         16         12         7         152.5/18         32.7         -0.6         36.5/7         28.0         25.5         2.2         23/2           Gaur         26.7671         85.3130         77         201.2         89.8         10         5         4         1         70/30         36.1         1.3         39.3/12         30.0         25.3         0.7         22/6           Ghorai (Dang)         28.0372         82.4842         663         291.8         116.8         9         7         5         2         80.4/22         35.5         2.8         40.2/11         29.0         25.3         2.5         21.6/6           Godavari         27.5929         85.3788         1527         131.7         51.0         12         6         1         0         35.6/26         28.8         1.9         31.5/14         9.0         16.9         -0.5         14/3           Gorkha (Birenchowk)         27.9714         84.5894         724         290.5         90.2         14         5         4         1         109.2/17         33.5         2.0         36.7/12         29.0	Dumkauli	27.6807	84.2285	183	308.9	73.6	15	9	5	2	57/28	35.6	0.5	38.5/12	30.0	26.4	1.2	23/5
Gaur         26.7671         85.3130         77         201.2         89.8         10         5         4         1         70/30         36.1         1.3         39.3/12         30.0         25.3         0.7         22/6           Ghorai (Dang)         28.0372         82.4842         663         291.8         116.8         9         7         5         2         80.4/22         35.5         2.8         40.2/11         29.0         25.3         2.5         21.6/6           Godavari         27.5929         85.3788         1527         131.7         51.0         12         6         1         0         35.6/26         28.8         1.9         31.5/14         9.0         16.9         -0.5         14/3           Gorkha (Birenchowk)         27.9714         84.5894         724         290.5         90.2         14         5         4         1         109.2/17         33.5         2.0         36.7/12         29.0         23.2         1.2         20.5/2           Gulariya         28.2128         81.3452         126         75.7         37.5         4         2         2         0         41/30         39.0         -         42.3/18         30.0         26.1 <td>Dunai</td> <td>28.9507</td> <td>82.8960</td> <td>2098</td> <td>45.4</td> <td>100.9</td> <td>9</td> <td>1</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>-</td> <td>34.5/14</td> <td>22.0</td> <td>13.6</td> <td>-</td> <td>10/4</td>	Dunai	28.9507	82.8960	2098	45.4	100.9	9	1	0	0			-	34.5/14	22.0	13.6	-	10/4
Ghorai (Dang) 28.0372 82.4842 663 291.8 116.8 9 7 5 2 80.4/22 35.5 2.8 40.2/11 29.0 25.3 2.5 21.6/6 Godavari 27.5929 85.3788 1527 131.7 51.0 12 6 1 0 35.6/26 28.8 1.9 31.5/14 9.0 16.9 -0.5 14/3 Gorkha (Birenchowk) 27.9714 84.5894 724 290.5 90.2 14 5 4 1 109.2/17 33.5 2.0 36.7/12 29.0 23.2 1.2 20.5/2 Gulariya 28.2128 81.3452 126 75.7 37.5 4 2 2 2 0 41/30 39.0 - 42.3/18 30.0 26.1 - 21.5/10 Hardinath 26.8000 85.9833 93 160.4 - 10 5 3 0 46/20 33.7 - 36.7/1 30.0 26.7 - 22.9/20 Hetauda N.F.I. 27.4202 85.0252 452 275.4 75.6 15 9 5 0 45/28 33.6 0.2 36.6/12 29.0 24.7 1.4 21.5/6 Humde 28.6399 84.0881 3401 7.7 - 2 0 0 0 0 4.3/25 20.2 - 22.5/18 0.0 9.4 - 6/6 Ilam Tea Estate 26.9096 87.9231 1208 268.0 96.1 22 7 2 1 70.4/16 25.7 -0.4 27.6/23 0.0 20.0 - 16.4/5 Jajarkot 28.6990 82.2001 1236 146.2 53.8 12 4 2 0 45.4/30 35.2 - 37.5/1 30.0 Jalesor 26.6522 85.8073 68 179.8 95.3 10 3 2 1 85/27 35.0 0.1 38/9 30.0 27.3 1.6 24/2	Gaida (Kankai)				874.5	195.9	21	16	12	7			-0.6				2.2	23/2
Godavari         27.5929         85.3788         1527         131.7         51.0         12         6         1         0         35.6/26         28.8         1.9         31.5/14         9.0         16.9         -0.5         14/3           Gorkha (Birenchowk)         27.9714         84.5894         724         290.5         90.2         14         5         4         1         109.2/17         33.5         2.0         36.7/12         29.0         23.2         1.2         20.5/2           Gulariya         28.2128         81.3452         126         75.7         37.5         4         2         2         0         41/30         39.0         -         42.3/18         30.0         26.1         -         21.5/10           Hardinath         26.8000         85.9833         93         160.4         -         10         5         3         0         46/20         33.7         -         36.7/1         30.0         26.7         -         22.9/20           Hetauda N.F.I.         27.4202         85.0252         452         275.4         75.6         15         9         5         0         45/28         33.6         0.2         36.6/12         29.0         24.7	Gaur			77	201.2	89.8	10	5	4	1	70/30	36.1	1.3	39.3/12	30.0	25.3	0.7	22/6
Gorkha (Birenchowk)         27.9714         84.5894         724         290.5         90.2         14         5         4         1         109.2/17         33.5         2.0         36.7/12         29.0         23.2         1.2         20.5/2           Gulariya         28.2128         81.3452         126         75.7         37.5         4         2         2         0         41/30         39.0         -         42.3/18         30.0         26.1         -         21.5/10           Hardinath         26.8000         85.9833         93         160.4         -         10         5         3         0         46/20         33.7         -         36.7/1         30.0         26.7         -         22.9/20           Hetauda N.F.I.         27.4202         85.0252         452         275.4         75.6         15         9         5         0         45/28         33.6         0.2         36.6/12         29.0         24.7         1.4         21.5/6           Humde         28.6399         84.0881         3401         7.7         -         2         0         0         4.3/25         20.2         -         22.5/18         0.0         9.4         -	Ghorai (Dang)	28.0372	82.4842	663	291.8	116.8	9	7	5	2	80.4/22	35.5	2.8	40.2/11	29.0	25.3	2.5	21.6/6
Gulariya       28.2128       81.3452       126       75.7       37.5       4       2       2       0       41/30       39.0       -       42.3/18       30.0       26.1       -       21.5/10         Hardinath       26.8000       85.9833       93       160.4       -       10       5       3       0       46/20       33.7       -       36.7/1       30.0       26.7       -       22.9/20         Hetauda N.F.I.       27.4202       85.0252       452       275.4       75.6       15       9       5       0       45/28       33.6       0.2       36.6/12       29.0       24.7       1.4       21.5/6         Humde       28.6399       84.0881       3401       7.7       -       2       0       0       0       4.3/25       20.2       -       22.5/18       0.0       9.4       -       6/6         Ilam Tea Estate       26.9096       87.9231       1208       268.0       96.1       22       7       2       1       70.4/16       25.7       -0.4       27.6/23       0.0       20.0       -       16.4/5         Jajarkot       28.6990       82.2001       1236       146.2       53.8 <td>Godavari</td> <td></td> <td></td> <td></td> <td>131.7</td> <td>51.0</td> <td>12</td> <td>6</td> <td>1</td> <td>0</td> <td></td> <td></td> <td></td> <td>31.5/14</td> <td>9.0</td> <td>16.9</td> <td>-0.5</td> <td>14/3</td>	Godavari				131.7	51.0	12	6	1	0				31.5/14	9.0	16.9	-0.5	14/3
Hardinath         26.8000         85.9833         93         160.4         -         10         5         3         0         46/20         33.7         -         36.7/1         30.0         26.7         -         22.9/20           Hetauda N.F.I.         27.4202         85.0252         452         275.4         75.6         15         9         5         0         45/28         33.6         0.2         36.6/12         29.0         24.7         1.4         21.5/6           Humde         28.6399         84.0881         3401         7.7         -         2         0         0         4.3/25         20.2         -         22.5/18         0.0         9.4         -         6/6           Ilam Tea Estate         26.9096         87.9231         1208         268.0         96.1         22         7         2         1         70.4/16         25.7         -0.4         27.6/23         0.0         20.0         -         16.4/5           Jajarkot         28.6990         82.2001         1236         146.2         53.8         12         4         2         0         45.4/30         35.2         -         37.5/1         30.0         -         -         -	Gorkha (Birenchowk)	27.9714	84.5894	724	290.5	90.2	14	5	4	1	109.2/17	33.5	2.0	36.7/12	29.0	23.2	1.2	
Hetauda N.F.I.       27.4202       85.0252       452       275.4       75.6       15       9       5       0       45/28       33.6       0.2       36.6/12       29.0       24.7       1.4       21.5/6         Humde       28.6399       84.0881       3401       7.7       -       2       0       0       0       4.3/25       20.2       -       22.5/18       0.0       9.4       -       6/6         Ilam Tea Estate       26.9096       87.9231       1208       268.0       96.1       22       7       2       1       70.4/16       25.7       -0.4       27.6/23       0.0       20.0       -       16.4/5         Jajarkot       28.6990       82.2001       1236       146.2       53.8       12       4       2       0       45.4/30       35.2       -       37.5/1       30.0       -       -       -         Jalesor       26.6522       85.8073       68       179.8       95.3       10       3       2       1       85/27       35.0       0.1       38/9       30.0       27.3       1.6       24/2	Gulariya				75.7	37.5	4	2	2	0	41/30	39.0	-		30.0	26.1	-	
Humde       28.6399       84.0881       3401       7.7       -       2       0       0       4.3/25       20.2       -       22.5/18       0.0       9.4       -       6/6         Ilam Tea Estate       26.9096       87.9231       1208       268.0       96.1       22       7       2       1       70.4/16       25.7       -0.4       27.6/23       0.0       20.0       -       16.4/5         Jajarkot       28.6990       82.2001       1236       146.2       53.8       12       4       2       0       45.4/30       35.2       -       37.5/1       30.0       -       -       -         Jalesor       26.6522       85.8073       68       179.8       95.3       10       3       2       1       85/27       35.0       0.1       38/9       30.0       27.3       1.6       24/2	Hardinath	26.8000	85.9833	93	160.4	-	10	5	3	0	46/20	33.7	-	36.7/1	30.0	26.7	-	22.9/20
Ilam Tea Estate     26.9096     87.9231     1208     268.0     96.1     22     7     2     1     70.4/16     25.7     -0.4     27.6/23     0.0     20.0     -     16.4/5       Jajarkot     28.6990     82.2001     1236     146.2     53.8     12     4     2     0     45.4/30     35.2     -     37.5/1     30.0     -     -     -       Jalesor     26.6522     85.8073     68     179.8     95.3     10     3     2     1     85/27     35.0     0.1     38/9     30.0     27.3     1.6     24/2	Hetauda N.F.I.				275.4	75.6	15	9	5	0	45/28	33.6	0.2	36.6/12	29.0	24.7	1.4	21.5/6
Jajarkot     28.6990     82.2001     1236     146.2     53.8     12     4     2     0     45.4/30     35.2     -     37.5/1     30.0     -     -     -       Jalesor     26.6522     85.8073     68     179.8     95.3     10     3     2     1     85/27     35.0     0.1     38/9     30.0     27.3     1.6     24/2					7.7	-	2	0	0	0	4.3/25	20.2	-	22.5/18	0.0	9.4	-	6/6
Jalesor         26.6522         85.8073         68         179.8         95.3         10         3         2         1         85/27         35.0         0.1         38/9         30.0         27.3         1.6         24/2	Ilam Tea Estate									1			-0.4			20.0	-	16.4/5
							12	4		0							-	-
Janakpur Airport   26,7097   85,9172   76   243.6   93.9   10   5   4   2   91.5/27   35.0   0.9   38.5/7   30.0   27.3   1.2   22.5/2	Jalesor	26.6522	85.8073	68	179.8	95.3	10			1	85/27	35.0	0.1		30.0	27.3	1.6	_
	Janakpur Airport			76	243.6	93.9	10	5	4	2							1.2	22.5/2
Jiri         27.6304         86.2321         1877         361.9         95.4         20         13         2         2         92.3/23         25.0         0.5         27.4/15         0.0         16.8         1.2         11.8/5	Jiri	27.6304	86.2321	1877	361.9	95.4	20	13	2	2	92.3/23	25.0	0.5	27.4/15	0.0	16.8	1.2	11.8/5



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

Babarmahal, Kathmandu

						Prec	ipitati	ion		-			T	empe	rature		
						_	of Ra		ays	te		Maxin			Minim	um	บ
										24hr Highest precipitaiton (mm)/Date			/			_	30°C
	e	de	nc	<u> </u>	<u>[a]</u>					sst n)/	_	ш	ure		ш	ıre	> 3
Station	Latitude	Longitude	Elevation	Total (mm)	of Normal	n	Е	표	ш	24hr Highest oitaiton (mm)/	Average (°C)	Departure form normal (°C)	rat	Average (°C)	Departure form normal (°C)	ratı	of days with imum temp.
Station	ati	guc	lev	1 (1	ž	≥1.0mm	≥10.0mm	≥25.0mm	>50.0mm	Hi	) (e	re	ıbe	e (	re .	ıbeı	em e
	1	Ľ	H	ota		1.0	0.0	25.0	50.0	Phr ait	rag	ırtu	ten	rag	eparture normal (	em	ays m t
				I	%	ΛΙ	Λī	Υl	٧١	22 ipit	Ve	eba	est	Ave	epa	st t	of d
										rec	1	Q	Highest temperature Date	1	D	Lowest temperature Date	
																Lc	
Jomsom	28.7840	83.7298		0.0	0.1	0	0	0	0	0.01/20		1.8	26/15	0.0	13.5	1.4	9.5/4
Jumla	29.2747	82.1796	2363	26.7	33.7	5	1	0	0	13.1/27	29.6	3.4	32/14	15.0	14.6	1.3	10.7/7
Jumla Airport	29.2740	82.1942	2384	26.9	-	5	1	0	0	13.4/27	28.6	-	31.6/14	10.0	13.2	-	9.6/10
Kakani	27.8113	85.2674	2002	344.8	77.1	22	10	5	1	56.4/20	23.2	-0.1	25.8/10	0.0	16.5	0.7	11.2/13
Kanyam Tea Estate	26.8681	88.0783	1570	566.9	105.8	26	15	8	3	90.5/16		0.8	27/3	0.0	18.3	2.0	16.5/2
Karmaiya	27.1330	85.4841	139	353.4	138.5	14	7	4	3	75.5/28	34.9	-0.1	38/12	30.0	26.3	0.3	22/22
Kathmandu Airport	27.7038	85.3562	1337	172.5	71.3	15	7	1	0	36/20	31.5	2.0	35.3/15	25.0	20.7	1.4	17.5/5
Khadbari	27.3911	87.2044	1064	312.3	-	22	11	4	0	48.3/26	29.4	-	32.5/3	14.0	21.4	1	19/4
Khairini Tar	28.0270	84.0866	515	542.5	117.3	24	13	9	2	98.2/20	34.0	0.6	36.4/10	29.0	23.6	0.8	21/2
Khajura (Nepalganj)	28.1137	81.5903	129	23.0	12.4	3	1	0	0	10/30	40.2	3.7	44/12	30.0	27.7	2.1	23.5/10
Khanchikot	27.9221	83.1298	1801	169.1	58.8	10	5	2	0	46.4/22	26.0	1.6	28.1/19	0.0	17.7	0.4	13.1/2
Khokana	27.6438	85.2967	1309	122.4	57.1	13	4	1	0	34.5/20	30.9	-	33.7/15	23.0	19.9	-	17/5
Khudi Bazar	28.2822	84.3564	838	507.8	94.1	21	12	8	2	112.1/26	31.1	-0.1	33/10	26.0	21.2	0.5	19/3
Khumaltar	27.6517	85.3257	1334	146.5	78.2	13	7	1	0	36.2/20	30.9	2.2	33.2/16	24.0	21.2	2.0	17.8/6
Kushma	28.2249	83.6769	900	445.8	99.0	19	9	5	2	161.6/29	33.0	0.8	36/11	26.0	22.1	1.1	19.6/1
Lahan	26.7327	86.4776	110	209.1	92.5	12	10	3	0	48.5/26		-	37.5/12	29.0	26.8	-	23.5/20
Lete	28.6327	83.6092	2490	99.2	52.7	14	3	1	0	37.5/20		-	25.5/10		14.0	-	10/5
Libang Gaun	28.3062	82.6323	1314	161.5	60.6	12	4	3	0	44.5/25		-	36.5/10		20.6	-	16.5/6
Lumbini	27.4703	83.2761	95	170.4	83.2	8	6	3	1	58/29	37.2	-	41.5/18		26.9	-	22/2
Lumle	28.2965	83.8179	1738	681.6	78.7	23	10	9	4	161.1/29	25.3	1.3	27/10	0.0	17.8	1.0	15.4/2
Mahendra Nagar	28.9548	80.2305	197	207.2	79.1	9	6	3	1	56.4/24	38.2	2.0	42.5/12	30.0	26.4	1.1	19.5/6
Mangalsen	29.1361	81.2501	1310	256.5	126.5	11	7	3	1	125.4/27		-	36/13	19.0	20.2	-	-
Manma	29.1488	81.6135	1729	158.1	-	12	5	3	0	32.7/6	28.9	-	32.6/15	11.0	19.0	-	14.9/6
Manthali	27.3947	86.0612	497	73.4	58.4	9	3	0	0	16.3/28	37.2	-	39.2/1	30.0	24.4	-	21/5
Manusmara	26.9280	85.4451	90	285.3	136.2	12	8	3	3	72.2/24	34.7	-0.4	38.8/12	30.0	26.7	1.0	23.1/6
Musikot(Rukumkot)	28.6190	82.4625	1412	220.7	70.7	13	7	3	1	50/30	33.1	3.6	36.9/14	27.0	20.3	1.9	15.5/6
Nagarkot	27.6933	85.5209	2147	311.8	107.6	17	11	5	0	48.8/30		0.6	26.5/10	0.0	15.5	0.7	13/5
Nagma	29.2006	81.9106	2017	53.0	57.0	5	3	0	0	20.4/20		-	31.5/14		16.8	-	12.5/12
Nepalguni Airport	28.1006	81.6682	165	89.1	42.5	7	3	2	0	35.3/30		3.3	44/12	30.0	27.9	2.5	-
Nepalguni (Reg.Off.)	28.0520	81.6228	141	33.5	15.6	5	1	0	0	15/20	40.2	3.9	44.6/13	30.0	28.0	1.4	24.5/4
Nuwakot	27.9150	85.1646	966	252.7	85.3	15	12	3	0	35.6/2	32.3	0.9	34.8/10	29.0	22.5	1.1	19.2/6
Okhaldhunga	27.3081	86.5042	1731	249.7	85.3	18	8	4	1	54.4/26	26.3	0.9	28/1	0.0	18.3	1.1	16.6/5
Oli Gaun (Patkani)	29.1559	81.2831	989	178.6	-	12	5	3	1	52.3/27	32.5	-	35.5/11	27.0	19.9	-	16.8/28
Pakhribas	27.0463	87.2925	1720	123.6	46.5	17	4	1	0	25.1/17	24.7	0.8	26.5/5	0.0	18.0	0.7	15.5/21
Panchkhal	27.6451	85.6209	857	114.9	65.2	13	3	1	0	27.4/30	34.6	2.0	38.9/10	30.0	23.0	1.7	19.8/2
Parasi	27.5193	83.6622	112	199.7	72.0	12	5	2	1	77.5/29	35.5	-	39/12	29.0	26.6	-	21/4
Parwanipur			87	245.0	95.3	8	6	5	2	59.8/20		0.3	39/12	29.0	26.5	0.8	22.5/6
Patan new	29.4664		1299	73.8	-	8	3	0	0	16.4/4		-	39/8	30.0		-	15/5
Phattepur	26.7305		101	295.2	94.2	8	8	7	0	41.5/19		-1.4	37.5/5	28.0	25.2	0.1	20.5/16
Phidim (Panchther)	27.1437		1157	108.9	61.3	15	5	0	0	21.4/12		1.2	34/29	26.0	21.8	0.7	19/3
Pokhara Airport		83.9795	827	691.0	106.6	26	17	7	3	140.9/26			33.4/10		22.3	1.1	20/6
Pusma Camp		81.2327	953	126.7	47.6	11	5	1	0	30.1/28			37.5/10			-0.4	17/1
Rajbiraj	26.5407	86.7425	68	496.8	196.8	12	8	7	2	225.6/26			36/24	27.0	26.2	1.2	22.1/5
Rampur	27.6540		189	304.4	83.0	13	10	5	1	51.2/28		0.2	37.5/10		25.2	0.6	21/1
Rara	29.5401	82.0818		38.0	-	8	1	0	0		23.2	-	26/15	0.0	10.0	_	7/6
Salleri	27.5051	86.5862		221.4	90.3	21	3	2	2	67.5/26			29.5/23		14.2	-	9.5/5
Salyan Bazar	28.3821	82.1423		101.9	63.7	9	2	1	1	59.8/30			37.9/11		20.7	1.4	14.9/2
Semari	27.4682		110	325.0	125.0	11	8	4	2		37.0		39.5/13		26.9	1.3	20.2/4
Simara Airport	27.1642		137	172.7	63.1	12	8	1	0	26.6/5	35.0		38.7/12		26.2	0.9	21.5/4
Simikot		81.8161		22.8	-	8	0	0	0		23.7	-	27.4/1	0.0	12.3	-	8.8/5
Sindhuli Madhi	27.2281	85.9050	556	476.0	128.0	21	11	7	3	101.4/26		1.0	35.7/9	28.0	22.7	0.1	19.5/5
Siraha	26.6561	86.2117	63	152.5	62.4	6	4	3	0	47.2/4		-	37.5/9	29.0	26.6	-	22.5/4
Surkhet Airport	28.5879	81.6352	683	146.8	59.3	10	5	2	0	34.1/25		3.8	41.4/16		24.3	1.3	19.5/2
- armet rimport		51.0552	505	1 10.0		10				2/23	, , , , →	5.0	/ 10	20.0		1.5	17.0/2



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

Babarmahal, Kathmandu

						Prec	ipitati	on			Temperature								
						No. of Rainy Days				ıte	Maximum			Minimum			C		
Station	Latitude	Longitude	Elevation	Total (mm)	% of Normal	$\geq 1.0$ mm	$\geq$ 10.0mm	≥25.0mm	≥50.0mm	24hr Highest precipitaiton (mm)/Date		Departure form normal (°C)	Highest temperature / Date	Average (°C)	Departure form normal (°C)	Lowest temperature / Date	No. of days with maximum temp. $> 30$ °C		
Syangja	28.0988	83.8722	871	662.1	120.0	26	15	9	4	154.5/29	33.1	1.8	35.9/10	27.0	22.3	1.5	19.4/6		
Tamghas	28.0636	83.2435	1547	277.5	86.48	11	6	5	3	68.2/17	27.7	0.5	30/11	4	18.9	0.8767	15.5/6		
Tansen	27.8637	83.5387	1183	205.3	72.61	12	5	4	1	73/29	30.2	0.4	33/9	18	21.6	2.3933	18.6/2		
Taplejung	27.3586	87.67	1744	457.6	154.2	23	16	8	1	57.4/20	25.5	0.21	27.9/23	0	18.2	0.8	14/5		
Tarahara	26.6987	87.2786	120	465.8	141.6	20	9	7	3	107/19	33.1	0.29	36.2/7	27	25.6	0.7667	23/4		
Taulihawa	27.5711	83.0672	106	385.7	183.8	12	7	4	3	107.4/29	37.4	1.46	42.7/9	28	26.8	-	22/4		
Terhathum	27.123	87.5362	1525	104.4	69.85	15	3	0	0	17/29	26.2	-0.4	28/7	0	19.3	1.6	17.5/2		
Thakmarpha	28.7409	83.6816	2655	14.82	30.12	3	0	0	0	9.3/20	22.8	1.06	24.5/10	0	11.2	0.03	8.5/4		
Tikapur	28.5366	81.115	149	127.6	53.8	6	4	2	0	47.8/22	39.9	3.39	44.1/12	30	24.3	-0.97	19/4		
Udayapur Gadhi	26.913	86.5397	469	279.3	98.94	18	9	4	1	53.6/18	32.5	0.41	35.6/24	28	24.5	0.3933	22/7		

#### Note:

- "mm" = millimeter; "temp" = temperature; "-" = Data Not Available.
- This summary is prepared based on the precipitation and temperature received at 112 meteorological stations during June, 2024. Out of 112 stations, 100 stations have normal precipitation data, 70 stations have normal maximum and 67 stations have normal minimum temperature data. Normal precipitation/temperature is the average of the monthly precipitation/temperature for period of 1991-2020.
- 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.