



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 10th 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 20th June and covered whole Nepal on 24th 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 24th June.

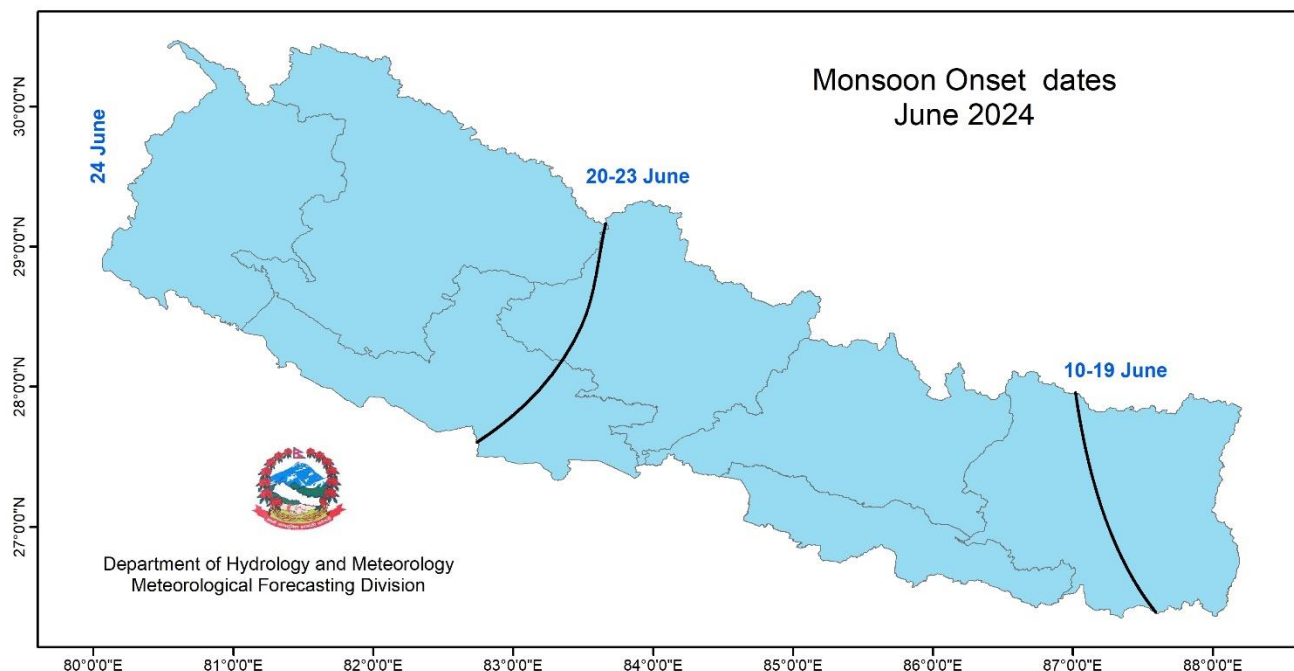


Figure 1: Monsoon onset dates in 2024

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



Government of Nepal
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 26th 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).

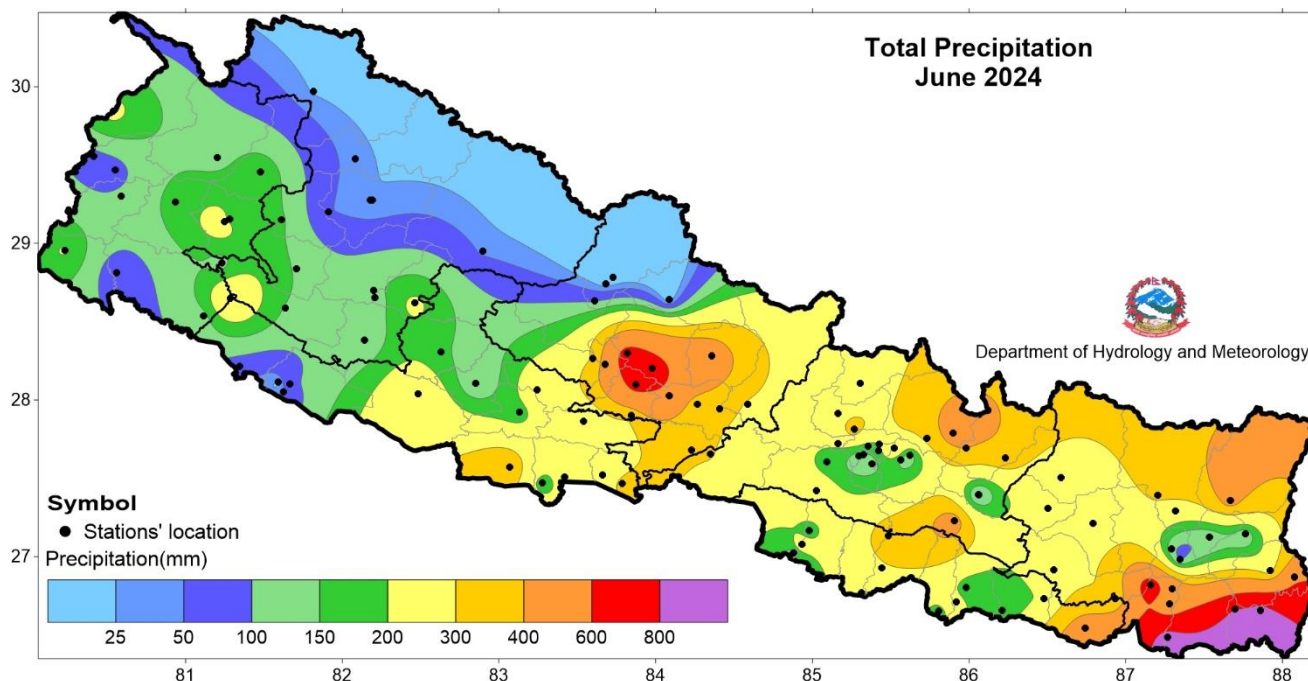


Figure 2: Total precipitation in June 2024.

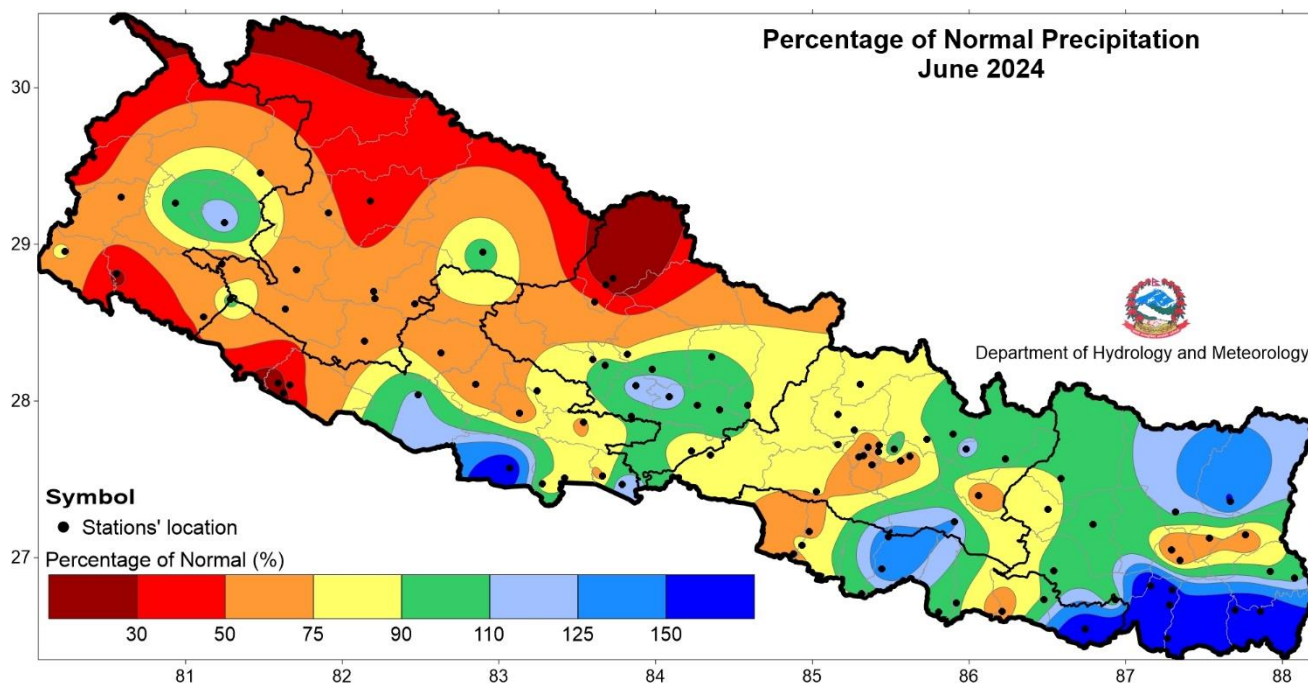


Figure 3: Percentage of normal precipitation in June 2024.



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

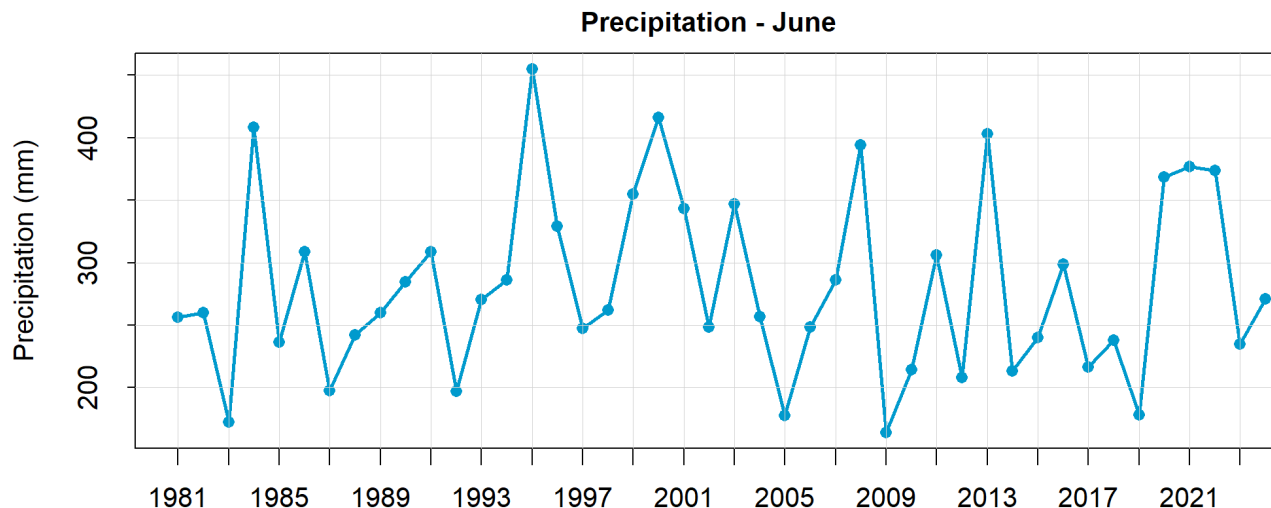


Figure 4: Monthly total precipitation of June from 1981 to 2024 at 97 stations (average of monthly total precipitation sum at stations having long term data).

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).

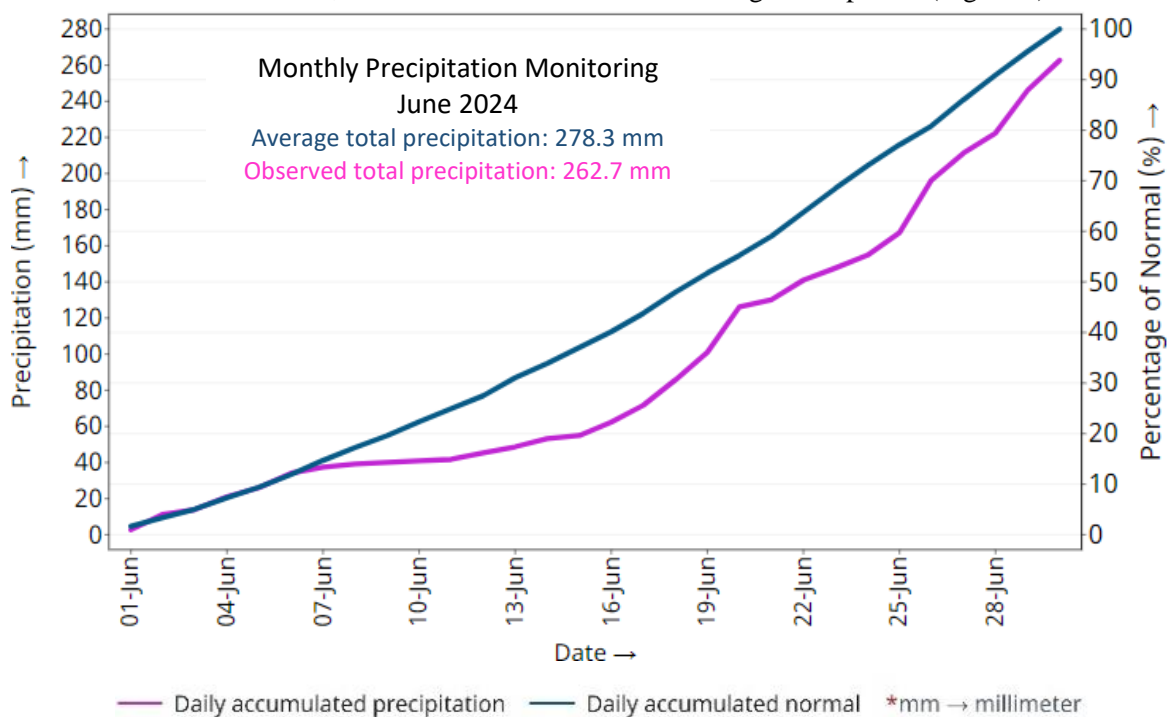


Figure 5: Cumulative average of daily normal and observed precipitation during June 2024.

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



Government of Nepal
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 13th June while the lowest daily maximum temperature of 16.9°C was recorded at Humde station on 26th 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).

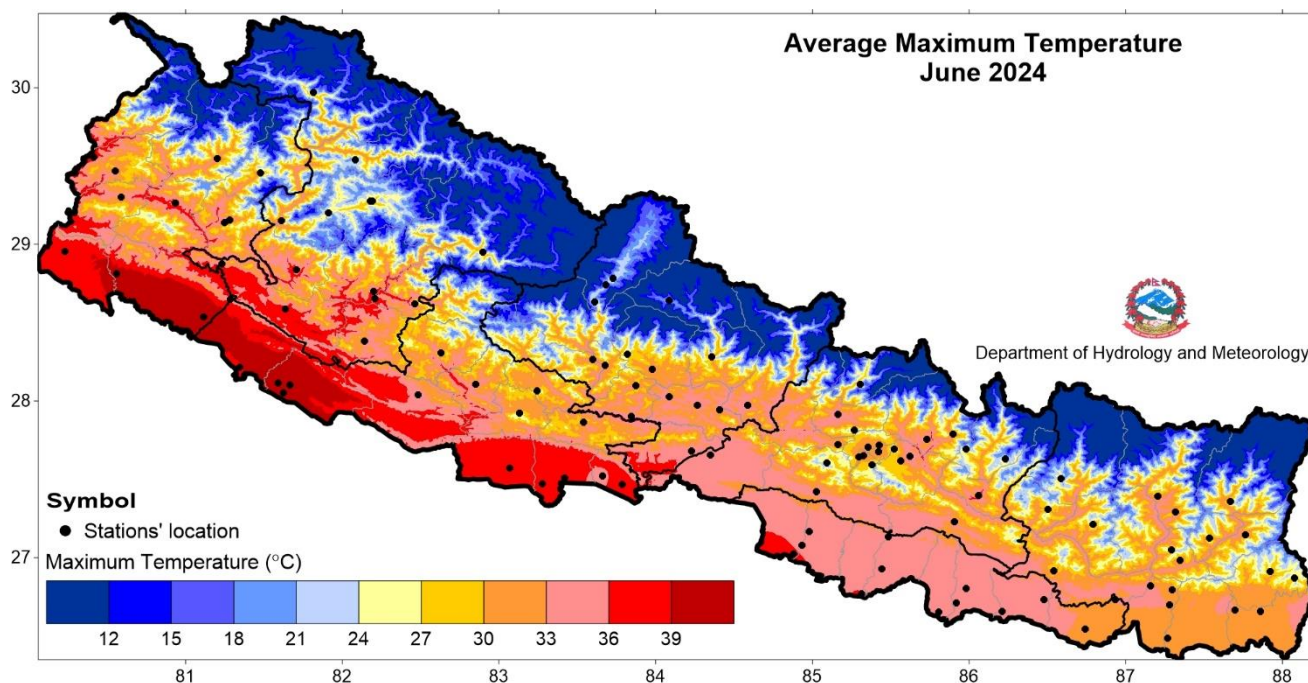


Figure 6: Maximum Temperature in June 2024.

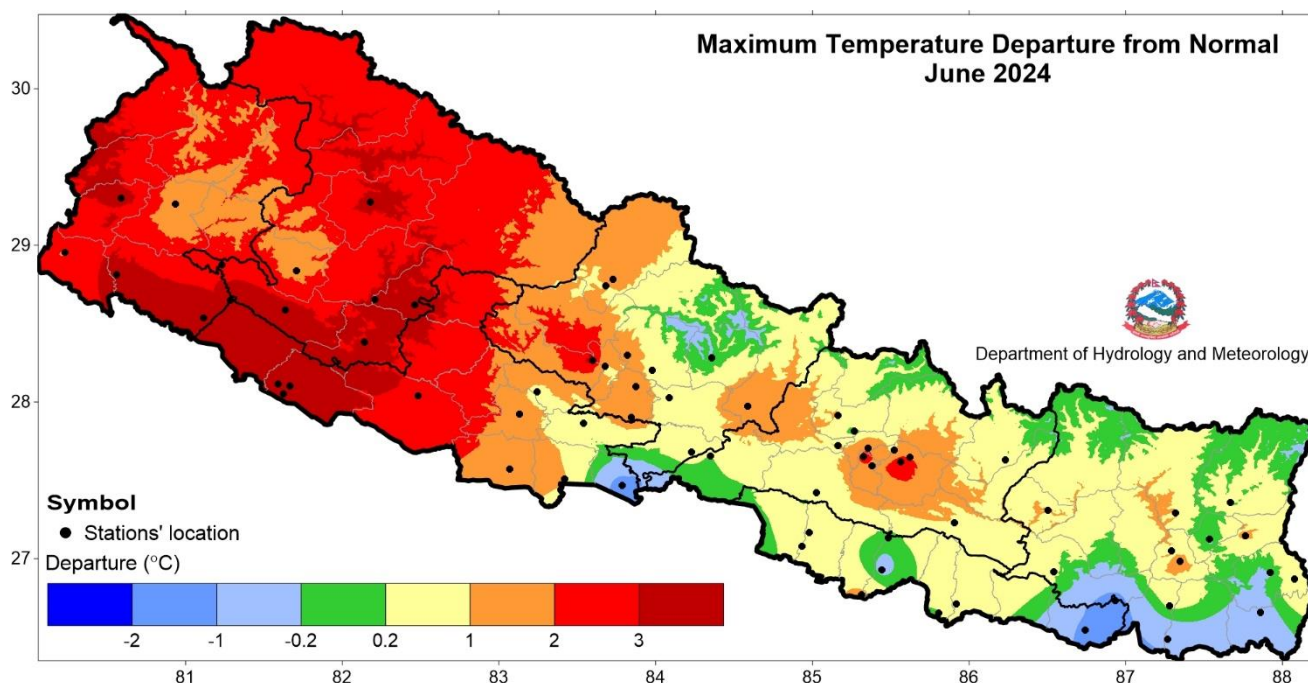


Figure 7: Departure from normal maximum temperature in June 2024.



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

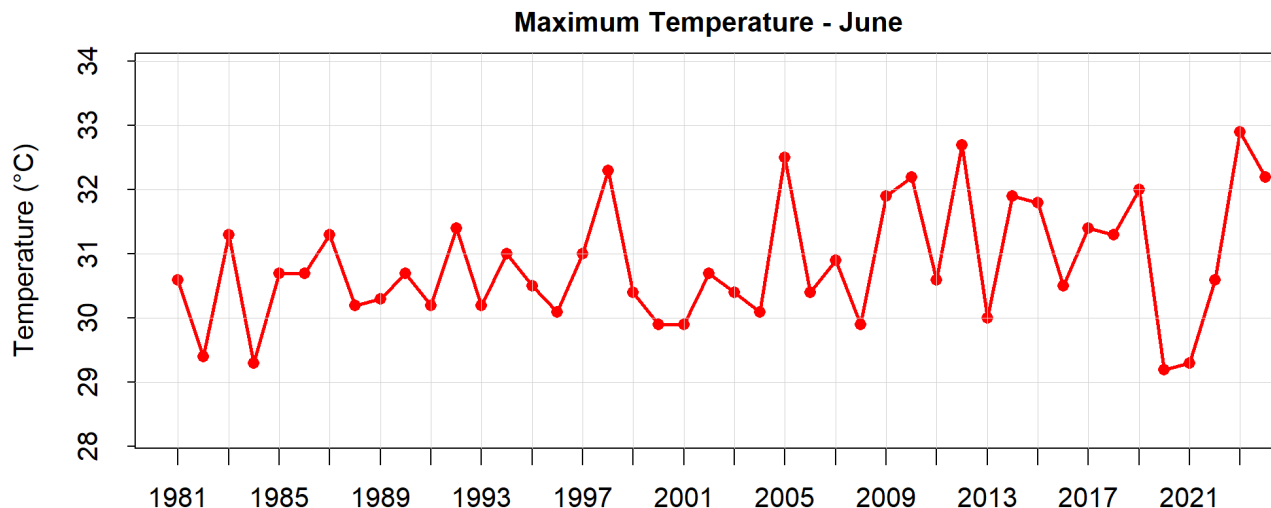


Figure 8: Monthly average maximum temperature of June from 1981 to 2024 at 59 stations (average of monthly average maximum temperature at stations having long term data).

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 19th June while the lowest daily minimum temperature of 6.0°C was recorded at Humde station on 6th June. The country's average minimum temperature in June 2024 was the highest since 1999 (Figure 11).

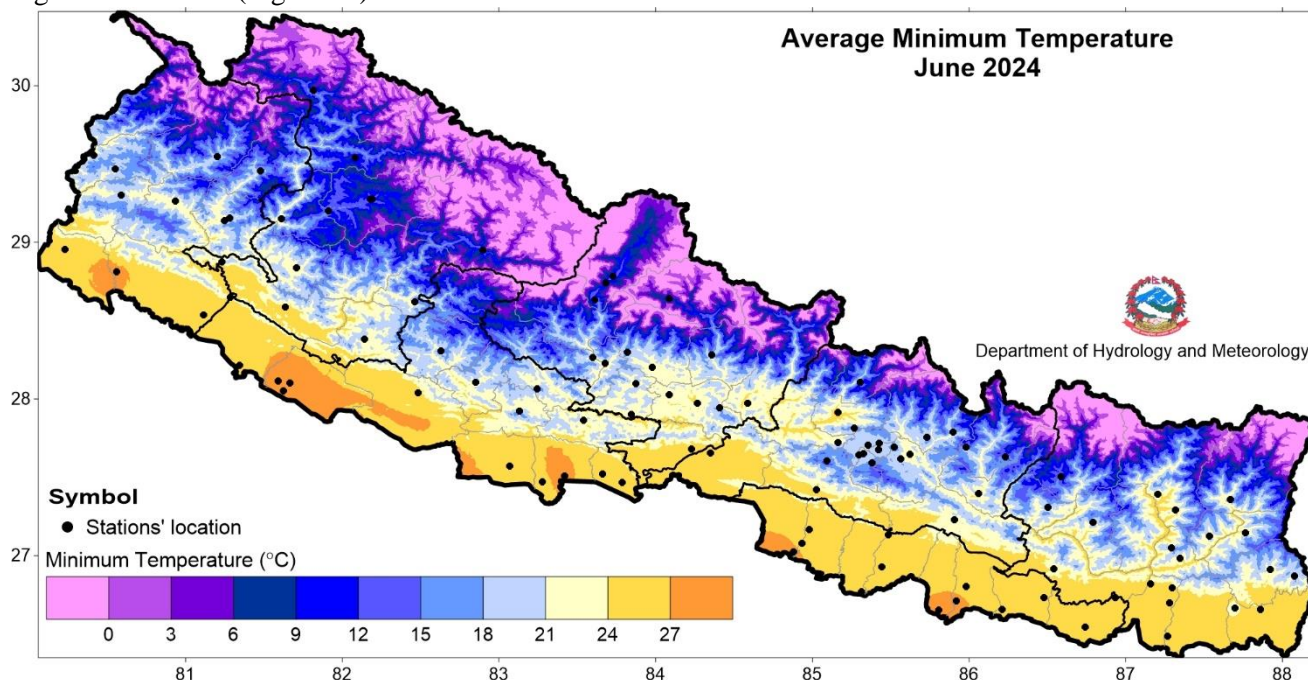


Figure 9: Minimum Temperature in June 2024.



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

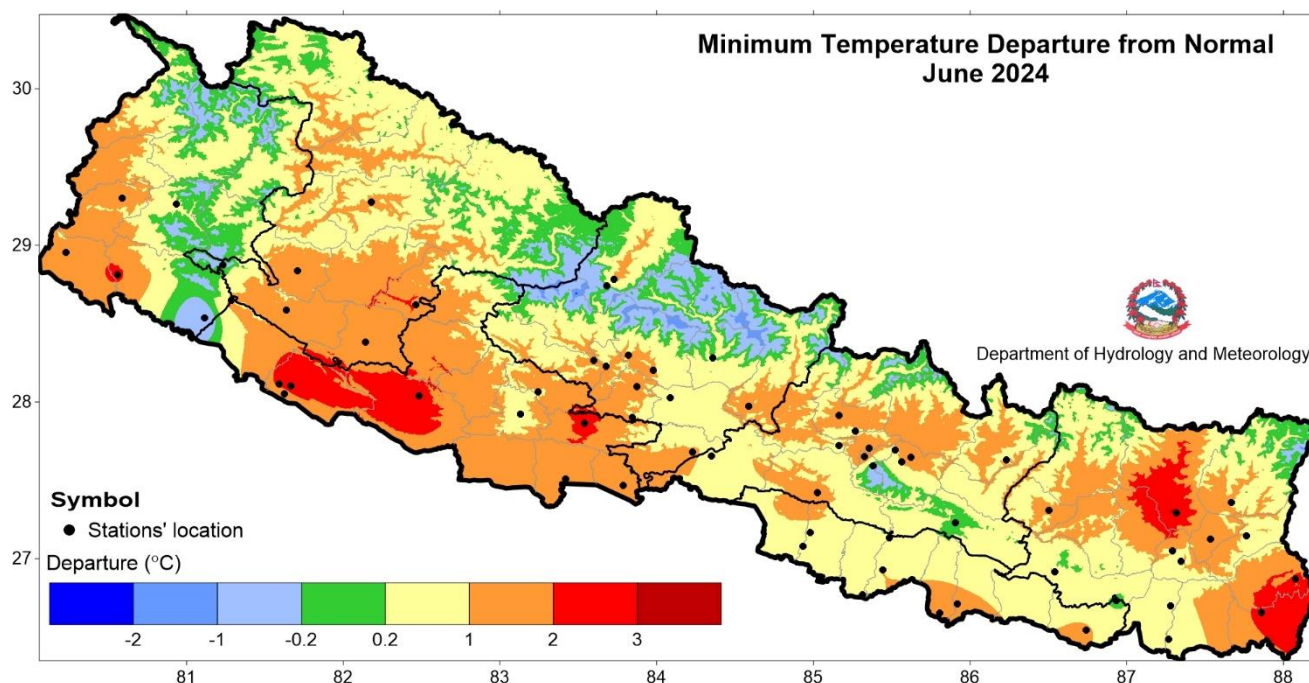


Figure 10: Departure from normal minimum temperature in June 2024.

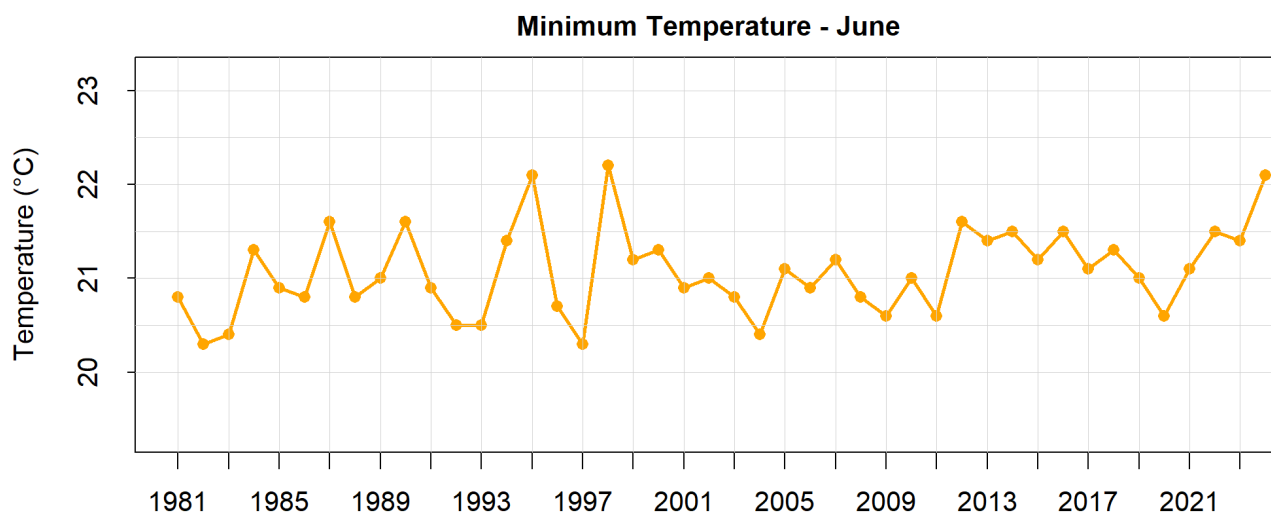


Figure 11: Monthly average minimum temperature of June from 1981 to 2024 at 60 stations (average of monthly average minimum temperature at stations having long term data).

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%



Government of Nepal
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	Latitude	Longitude	Elevation	Precipitation						Temperature						
				Total (mm)	% of Normal	No. of Rainy Days				24hr Highest precipitation (mm)/Date	Maximum			Minimum		
						≥1.0mm	≥10.0mm	≥25.0mm	≥50.0mm		Average (°C)	Departure from normal (°C)	Highest temperature / Date	Average (°C)	Departure from normal (°C)	Lowest temperature / Date
Baglung	28.2636	83.6003	964	309.0	85.7	13	6	4	1	123.6/29	35.2	3.4	39.5/12	29.0	22.2	1.4
Bahrabise	27.7887	85.9000	884	459.8	99.3	18	13	7	3	81.5/29	34.3	-	37.2/9	30.0	22.3	-
Baitadi (Gothalapani)	29.5574	80.4132	1352	83.7	39.1	7	3	0	0	24.5/20	35.9	-	39.5/18	30.0	19.6	-
Bajura (Martadi)	29.4570	81.4804	1598	190.2	75.0	13	6	2	1	56.8/30	30.3	-	33.5/15	18.0	19.8	-
Bandipur	27.9418	84.4064	991	331.5	105.5	16	11	7	1	80.6/23	30.6	-	32.5/2	20.0	17.3	-
Bhairahawa Airport	27.5068	83.4204	108	231.2	90.8	12	6	3	1	74.2/29	36.6	1.1	40.4/12	29.0	27.1	1.2
Bhaktapur	27.6767	85.4240	1315	176.8	78.8	16	7	2	0	36.2/20	33.3	-	36/10	28.0	21.0	-
Bijuwar Tar	28.1035	82.8520	835	103.6	51.2	8	3	2	0	37/25	35.2	-	38/9	30.0	22.7	-
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
Birganj	27.0232	84.8782	67	127.2	50.5	9	5	1	0	37.5/20	37.1	-	-	-	27.8	-
Chainpur (East)	27.2921	87.3170	1277	259.1	114.8	21	7	5	0	39.2/30	29.3	0.9	31.5/3	13.0	21.1	2.9
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	-
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	-
Chapakot	27.8999	83.8459	617	313.3	92.9	14	7	6	2	80.2/29	34.6	1.6	37.5/11	29.0	23.0	0.9
Charikot	27.6902	85.9802	2132	397.5	119.0	20	14	7	0	49.1/25	24.1	-	26.8/10	0.0	16.4	-
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	-
Chaurjhari 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	-
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
Dadeldhura	29.3014	80.5878	1879	111.8	61.1	9	5	1	0	28/4	29.7	3.3	33/16	14.0	18.0	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
Damak	26.6623	87.6988	119	807.7	191.5	14	12	12	9	137/18	33.0	-	36/23	26.0	23.7	-
Daman	27.6044	85.0920	2265	166.0	-	13	6	1	0	48.2/18	23.1	-	26.2/10	0.0	14.7	-
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	-
Darchula New	29.8429	80.5388	887	225.7	-	11	6	4	1	85.6/26	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
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
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	-
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
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	-
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
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	-
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
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
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	-
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
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
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
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
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
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	-
Hardinath	26.8000	85.9833	93	160.4	-	10	5	3	0	46/20	33.7	-	36.7/1	30.0	26.7	-
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
Humde	28.6399	84.0881	3401	7.7	-	2	0	0	0	4.3/25	20.2	-	22.5/18	0.0	9.4	-
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	-
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
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
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



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

Station	Latitude	Longitude	Elevation	Precipitation						Temperature						
				Total (mm)	% of Normal	No. of Rainy Days				24hr Highest precipitation (mm)/Date	Maximum			Minimum		
						≥1.0mm	≥10.0mm	≥25.0mm	≥50.0mm		Average (°C)	Departure from normal (°C)	Highest temperature / Date	Average (°C)	Departure from normal (°C)	Lowest temperature / Date
Jomsom	28.7840	83.7298	2741	0.0	0.1	0	0	0	0	0.01/20	24.4	1.8	26/15	0.0	13.5	1.4
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
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	-
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
Kanyam Tea Estate	26.8681	88.0783	1570	566.9	105.8	26	15	8	3	90.5/16	24.2	0.8	27/3	0.0	18.3	2.0
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
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
Khadbari	27.3911	87.2044	1064	312.3	-	22	11	4	0	48.3/26	29.4	-	32.5/3	14.0	21.4	-
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
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
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
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	-
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
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
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
Lahan	26.7327	86.4776	110	209.1	92.5	12	10	3	0	48.5/26	34.5	-	37.5/12	29.0	26.8	-
Lete	28.6327	83.6092	2490	99.2	52.7	14	3	1	0	37.5/20	23.0	-	25.5/10	0.0	14.0	-
Libang Gaun	28.3062	82.6323	1314	161.5	60.6	12	4	3	0	44.5/25	33.4	-	36.5/10	29.0	20.6	-
Lumbini	27.4703	83.2761	95	170.4	83.2	8	6	3	1	58/29	37.2	-	41.5/18	30.0	26.9	-
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
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
Mangalsen	29.1361	81.2501	1310	256.5	126.5	11	7	3	1	125.4/27	30.7	-	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	-
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	-
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
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
Nagarkot	27.6933	85.5209	2147	311.8	107.6	17	11	5	0	48.8/30	23.7	0.6	26.5/10	0.0	15.5	0.7
Nagma	29.2006	81.9106	2017	53.0	57.0	5	3	0	0	20.4/20	28.0	-	31.5/14	4.0	16.8	-
Nepalgunj Airport	28.1006	81.6682	165	89.1	42.5	7	3	2	0	35.3/30	39.9	3.3	44/12	30.0	27.9	2.5
Nepalgunj (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
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
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
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	-
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
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
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	-
Parwanipur	27.0789	84.9327	87	245.0	95.3	8	6	5	2	59.8/20	35.1	0.3	39/12	29.0	26.5	0.8
Patan new	29.4664	80.5506	1299	73.8	-	8	3	0	0	16.4/4	33.9	-	39/8	30.0	20.9	-
Phattepur	26.7305	86.9348	101	295.2	94.2	8	8	7	0	41.5/19	33.1	-1.4	37.5/5	28.0	25.2	0.1
Phidim (Panchther)	27.1437	87.7656	1157	108.9	61.3	15	5	0	0	21.4/12	31.4	1.2	34/29	26.0	21.8	0.7
Pokhara Airport	28.2002	83.9795	827	691.0	106.6	26	17	7	3	140.9/26	31.5	0.7	33.4/10	25.0	22.3	1.1
Pusma Camp	28.8755	81.2327	953	126.7	47.6	11	5	1	0	30.1/28	33.6	2.4	37.5/10	28.0	21.9	-0.4
Rajbiraj	26.5407	86.7425	68	496.8	196.8	12	8	7	2	225.6/26	32.7	-1.2	36/24	27.0	26.2	1.2
Rampur	27.6540	84.3508	189	304.4	83.0	13	10	5	1	51.2/28	35.1	0.2	37.5/10	29.0	25.2	0.6
Rara	29.5401	82.0818	2989	38.0	-	8	1	0	0	12/19	23.2	-	26/15	0.0	10.0	-
Salleri	27.5051	86.5862	2383	221.4	90.3	21	3	2	2	67.5/26	25.8	-	29.5/23	0.0	14.2	-
Salyan Bazar	28.3821	82.1423	1557	101.9	63.7	9	2	1	1	59.8/30	31.8	3.1	37.9/11	19.0	20.7	1.4
Semari	27.4682	83.7861	110	325.0	125.0	11	8	4	2	119/27	37.0	-1.5	39.5/13	30.0	26.9	1.3
Simara Airport	27.1642	84.9800	137	172.7	63.1	12	8	1	0	26.6/5	35.0	0.5	38.7/12	29.0	26.2	0.9
Simikot	29.9715	81.8161	2993	22.8	-	8	0	0	0	5.4/18	23.7	-	27.4/1	0.0	12.3	-
Sindhuli Madhi	27.2281	85.9050	556	476.0	128.0	21	11	7	3	101.4/26	33.2	1.0	35.7/9	28.0	22.7	0.1
Siraha	26.6561	86.2117	63	152.5	62.4	6	4	3	0	47.2/4	34.6	-	37.5/9	29.0	26.6	-
Surkhet Airport	28.5879	81.6352	683	146.8	59.3	10	5	2	0	34.1/25	37.4	3.8	41.4/16	30.0	24.3	1.3



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

Station	Latitude	Longitude	Elevation	Precipitation						Temperature						
				Total (mm)	% of Normal	No. of Rainy Days				24hr Highest precipitation (mm)/Date	Maximum			Minimum		
						≥1.0mm	≥10.0mm	≥25.0mm	≥50.0mm		Average (°C)	Departure from normal (°C)	Highest temperature / Date	Average (°C)	Departure from normal (°C)	Lowest temperature / Date
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
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
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
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
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
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	-
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
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
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
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

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.