



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

5th April 2025

Preliminary Precipitation and Temperature Summary
March, 2025

Highlights

Precipitation over the country as a whole was 69.9% of the normal indicating below normal precipitation. Above normal maximum temperature was observed over most part of the country. Above normal minimum temperature was observed over most part of Karnali Province and isolated part of Gandaki Province, Madhesh Province and Koshi Province.

Synoptic Sequence

In March, the weather systems were primarily influenced by western disturbances and local convection. Although several western disturbances appeared as troughs from the lower to upper tropospheric levels and cyclonic circulations, only four of them had a significant impact. The western disturbance, that occurred in first week of March, brought light to moderate precipitation in Sudurpaschim Province, Karnali Province, Gandaki Province and Bagmati Province. The second disturbance, in the second week of March, affected Gandaki Province, Bagmati Province, and Koshi Province. The western disturbance, that occurred in the third week, impacted Sudurpaschim and Karnali Provinces. The western disturbance, in the fourth week, had a broader influence, affecting Koshi Province, Madhesh Province, Bagmati Province, Gandaki Province and Karnali Province.

Precipitation

Most part of Sudurpaschim Province, Karnali Province, Gandaki Province, Bagmati Province and few part of Koshi Province recorded precipitation above 10 mm. Most part of the terai region recorded very few amounts of precipitation below 10 mm. (Figure 1). Few isolated areas in Koshi Province recorded precipitation above 125 mm. Most part of Karnali Province, few part of Madhesh Province and Koshi Province, and isolated part of Gandaki Province and Bagmati Province recorded above normal Precipitation while most part of the country recorded below normal Precipitation in March 2025 (Figure 2).

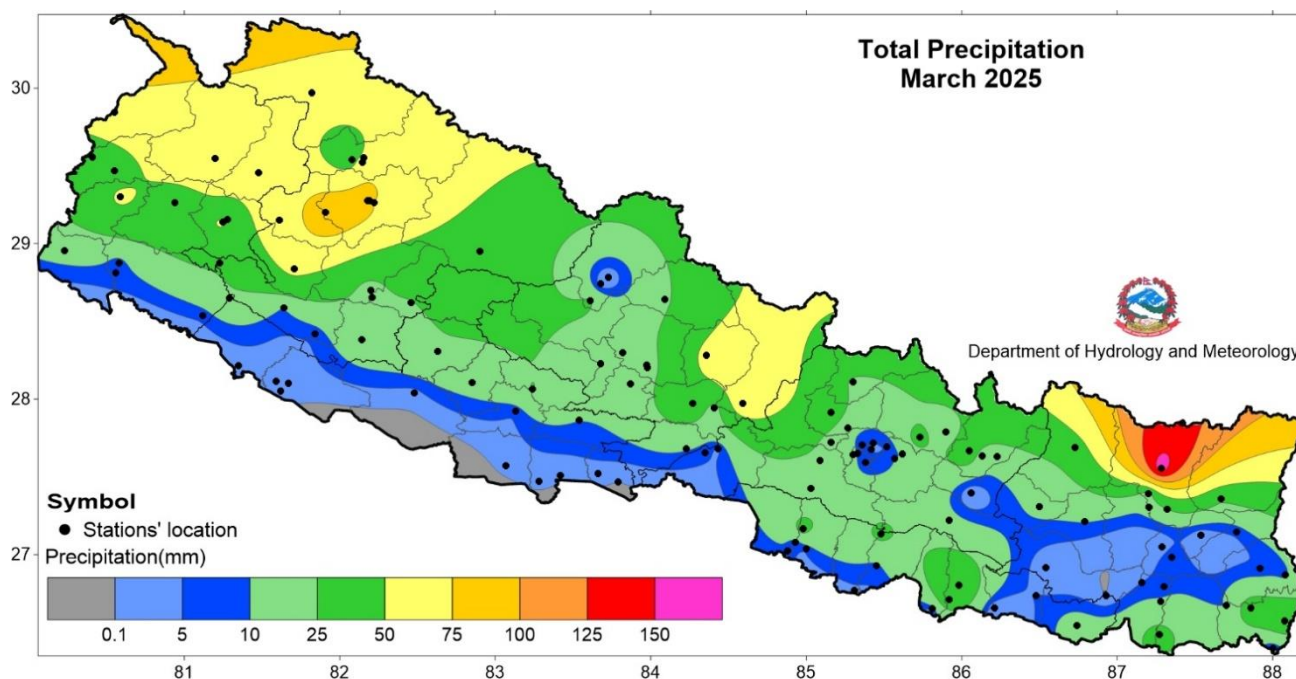


Figure 1: Total precipitation in March 2025.



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Num station recorded the highest monthly precipitation of 161.7 mm while Dunai station recorded the highest percentage of normal of 336.2% (Annex 1). Based on the average of 122 stations, Nepal received 69.9% of the normal precipitation. The highest daily precipitation of 70.7 mm was recorded at Num station on 22nd March. The temporal distribution of monthly cumulative average of daily precipitation shows that precipitation remained below normal for most time of the month (Figure 3). Over the recent five years, three years have shown a negative precipitation anomaly in March. The country averaged total precipitation of March 2025 was lower since 2023 (Figure 4).

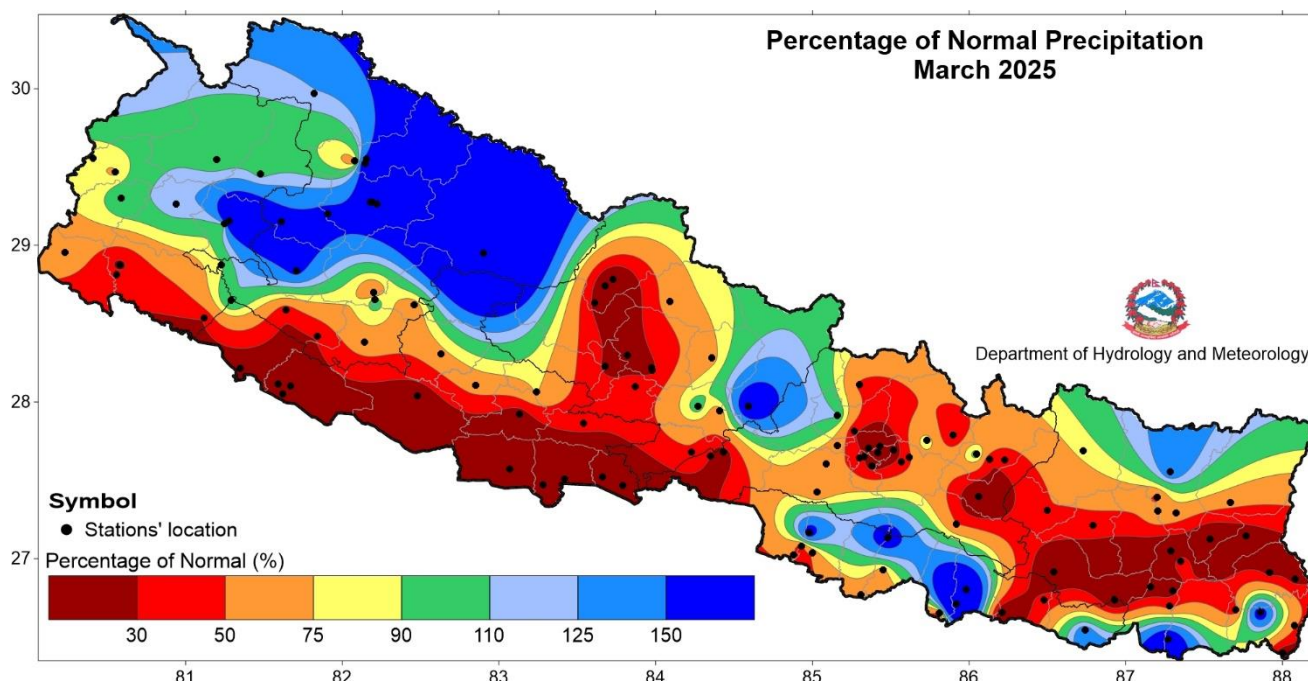


Figure 2: Percentage of normal precipitation in March 2025.

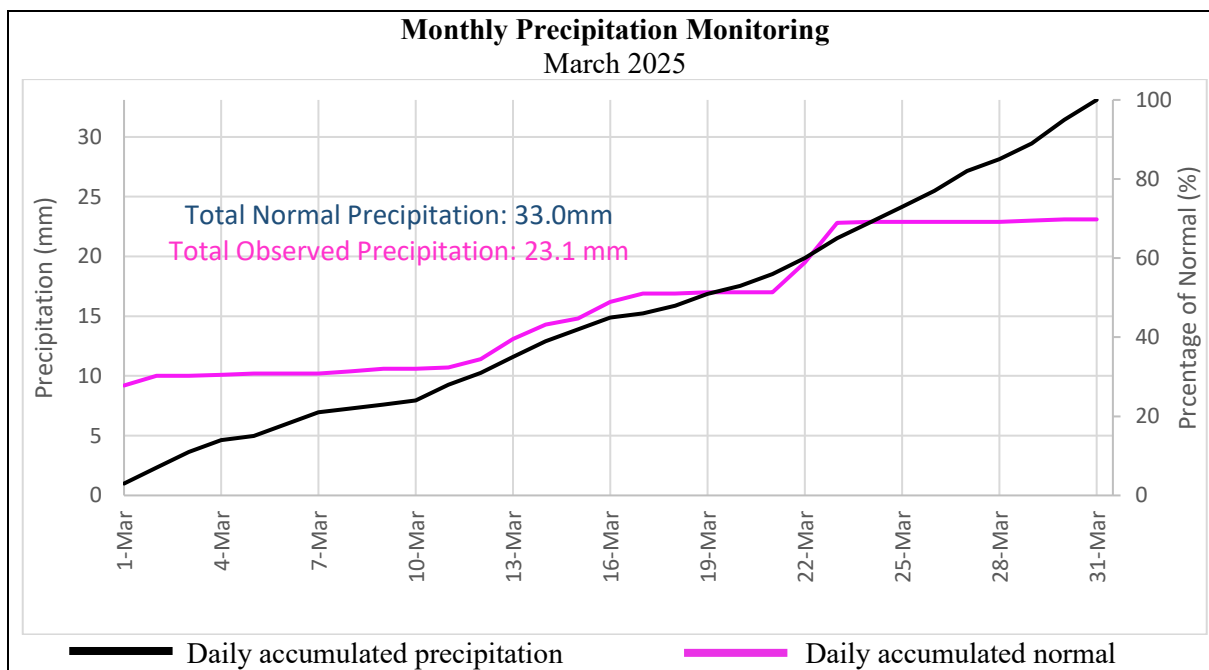


Figure 3: Cumulative average of daily normal and observed precipitation during March 2025.



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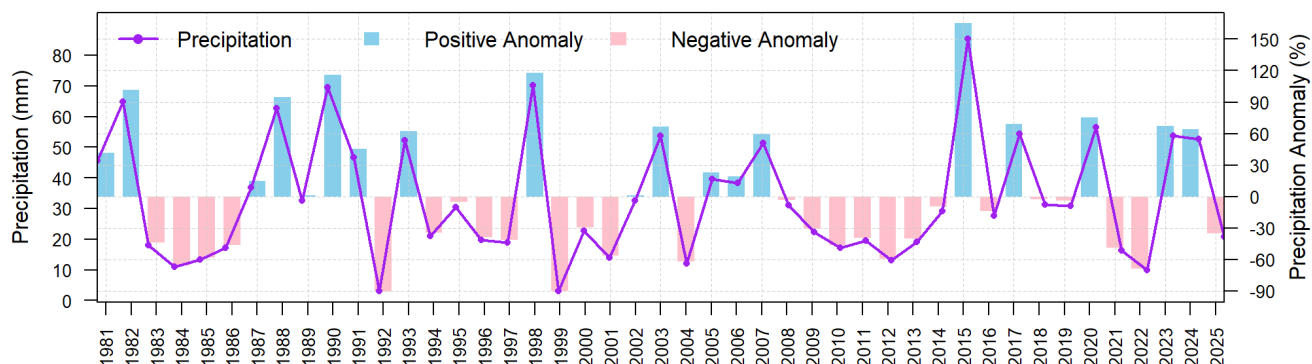


Figure 4: Monthly total precipitation (average of 105 stations) and precipitation anomaly (normal period: 1991-2020) of March

Maximum Temperature

Maximum temperature of Terai remained above 30°C, reaching over 33°C in isolated part of Madhesh Province and Lumbini Province (Figure 5). Most part of the country recorded above normal maximum temperature while few parts of Sudurpaschim Province, Gandaki Province, Bagamati Province, and Koshi Province recorded normal to below normal maximum temperature (Figure 6).

Godavari West station and Humde station recorded the highest and lowest monthly average maximum temperature of 33.7°C and 11.6°C respectively. Similarly, the highest monthly anomaly of 5.0°C was recorded at Gaur Station and the lowest of -1.8°C was recorded at Charikot station (Annex 1). The highest daily maximum temperature of 43.5°C was recorded at Godavari West station on 28th March while the lowest daily maximum temperature of 3.9°C was recorded at Humde station on 1st March. Over the recent five years, three years have shown a positive anomaly in March. The country averaged maximum temperature of March 2025 was higher since 2024 (Figure 7).

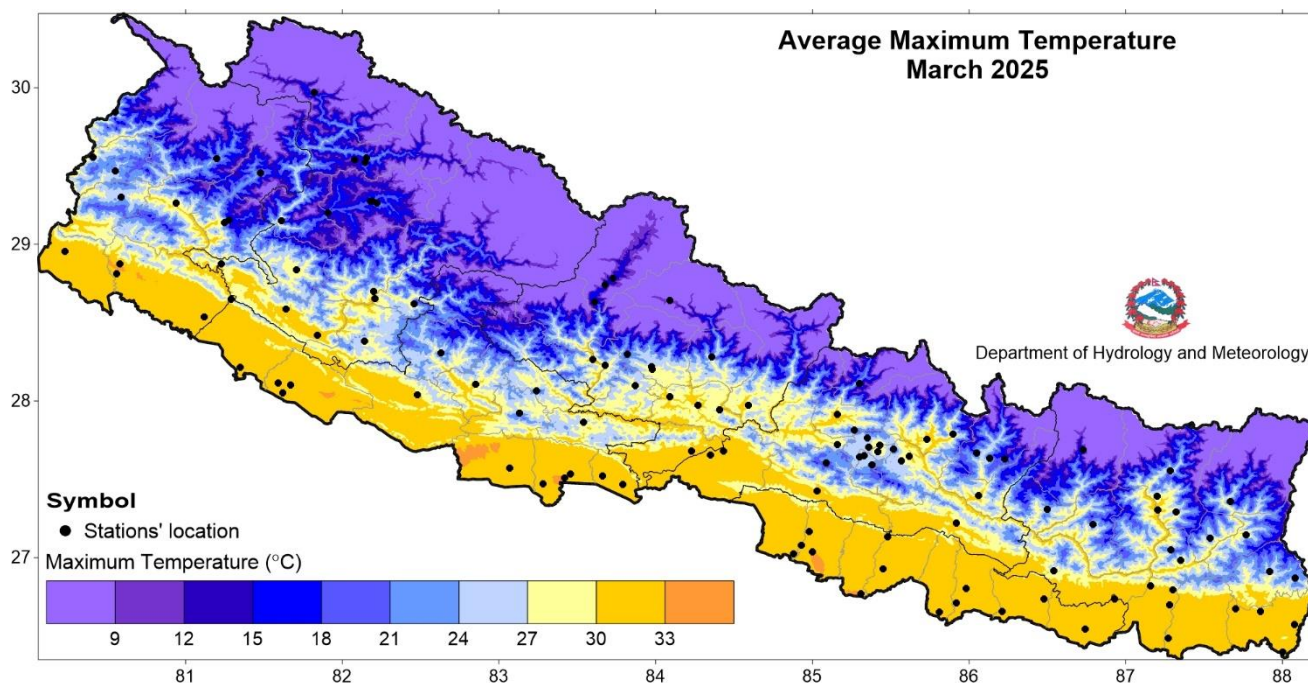


Figure 5: Maximum Temperature in March 2025.



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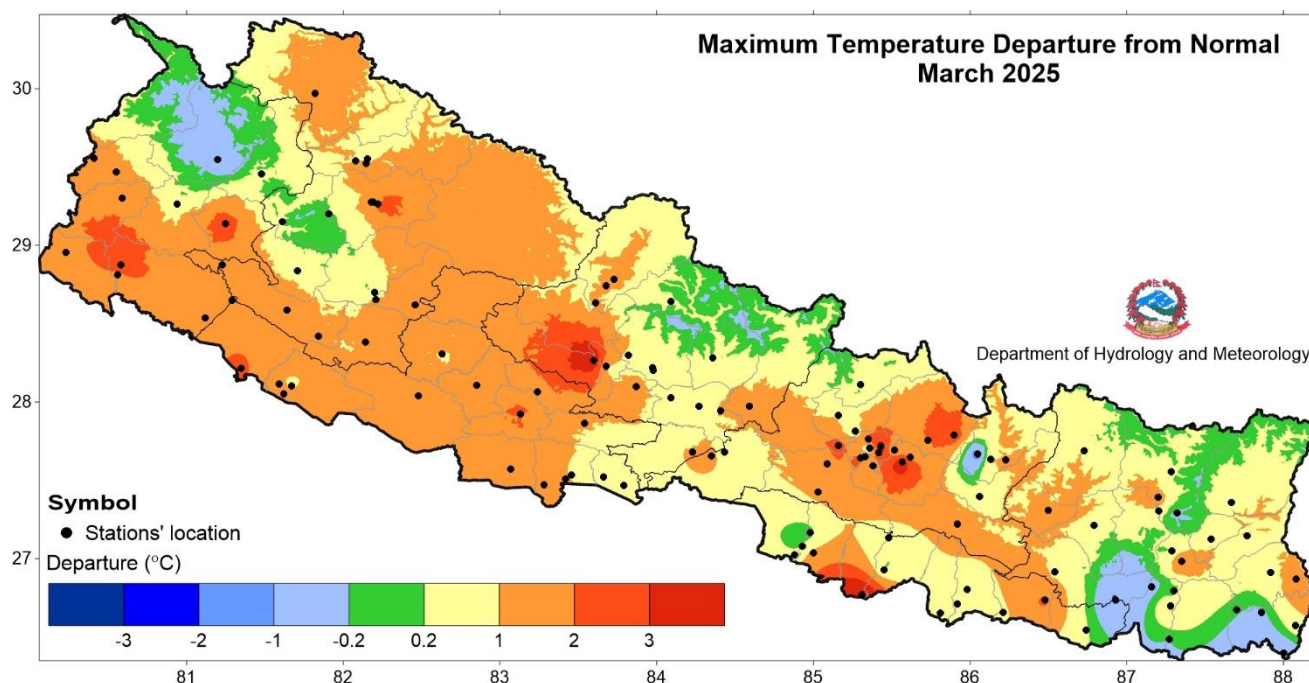


Figure 6: Departure from normal maximum temperature in March 2025.

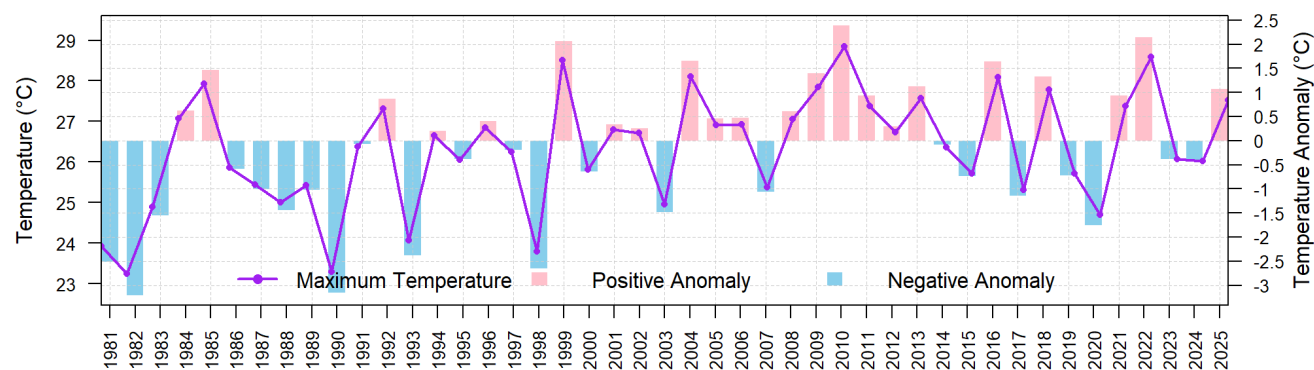


Figure 7: Monthly average maximum temperature (average of 66 stations) and temperature anomaly (normal period: 1991-2020) of March

Minimum Temperature

Minimum temperature of eastern Terai remained relatively warmer than western Terai reaching temperature above 15°C (Figure 8). Most part of Sudurpaschim Province and Bagamati Province, some part of Karnali Province, Lumbini Province, and Gandaki Province, Bagamati Province, isolated part of Madhesh Province, and Koshi Province recorded normal to below normal minimum temperature while rest of the country recorded above normal temperature (Figure 9).

Dharan Bazar station and Humde station recorded the highest and lowest monthly average minimum temperature of 18.6°C and -2.1°C respectively. Similarly, the highest monthly anomaly of 4.1°C was recorded at Siraha station and the lowest anomaly of -3.7°C was recorded at Bahrabise station (Annex 1). The highest daily minimum temperature of 24.5°C was recorded at Phattepur station on 16th March while the lowest daily



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minimum temperature of -6.0°C was recorded at Humde station on 22th March. Last five years have shown a positive anomaly of minimum temperature in March. The country's average minimum temperature in March 2025 was higher since 2023 (Figure 10).

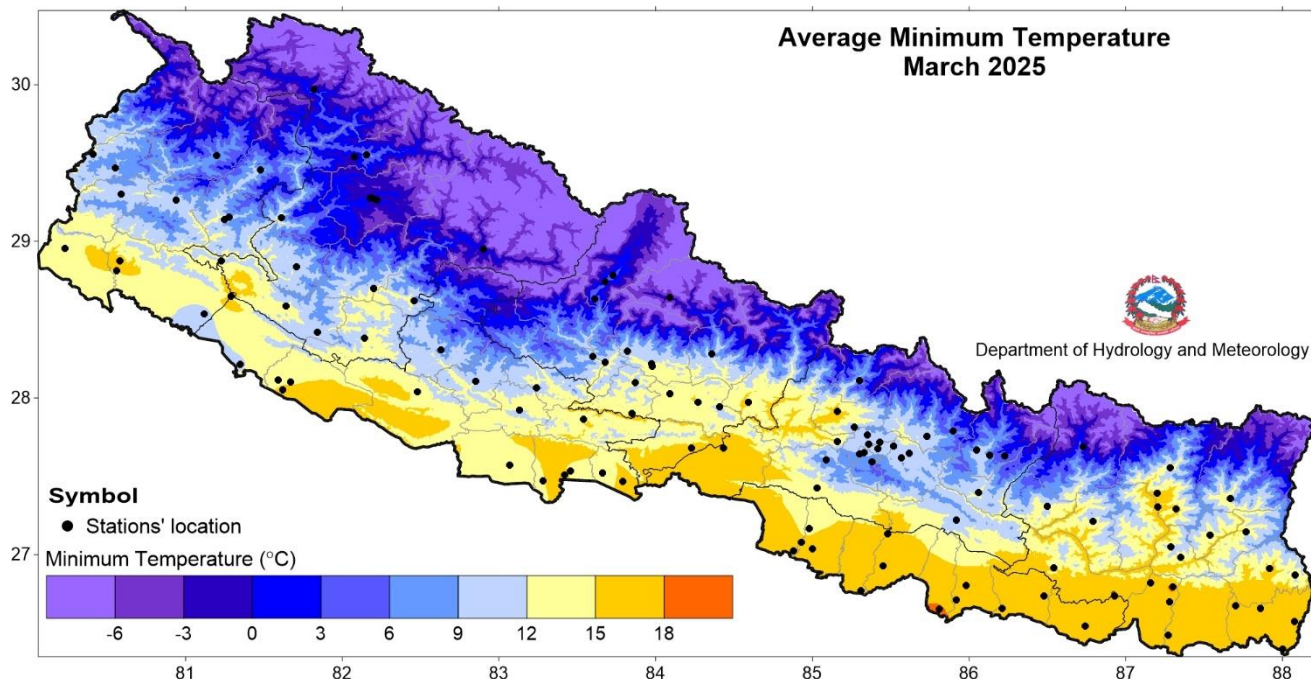


Figure 8: Minimum Temperature in March 2025.

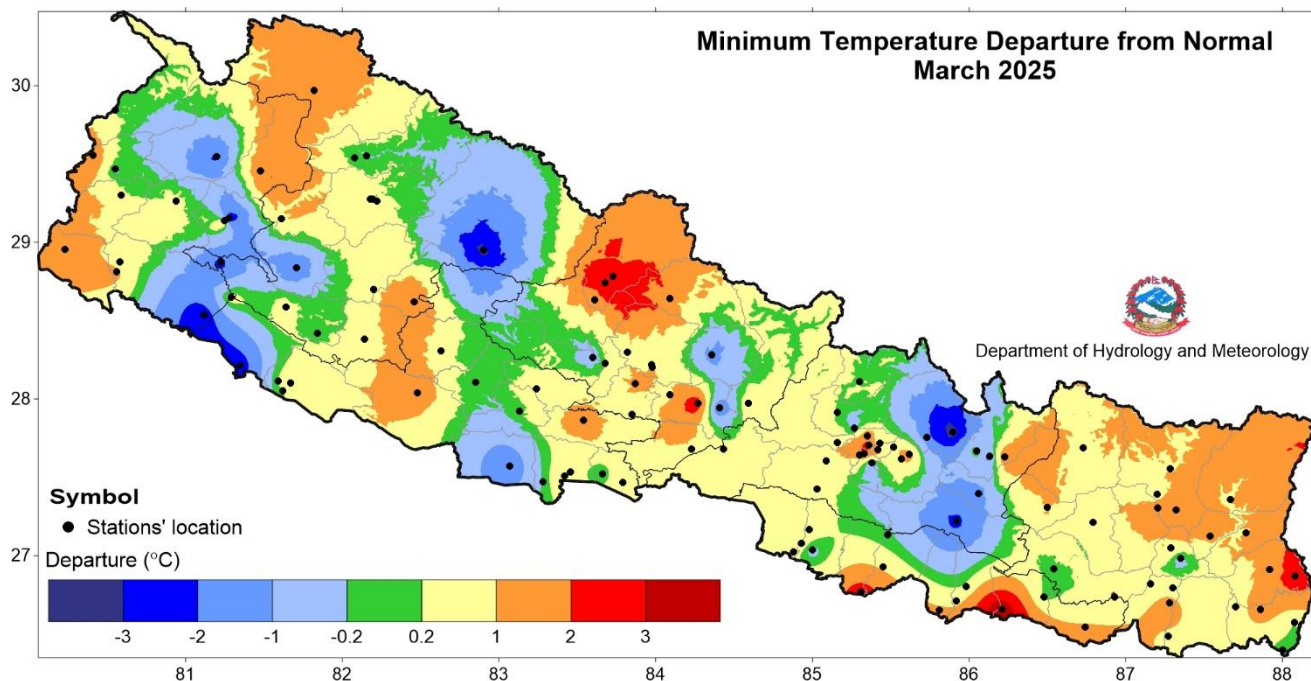


Figure 9: Departure from normal minimum temperature in March 2025.



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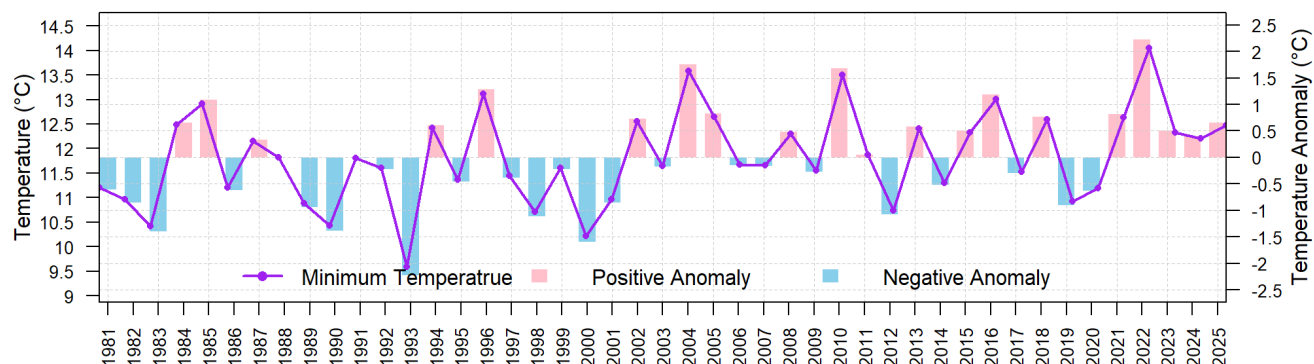


Figure 10 Monthly average minimum temperature (average of 64 stations) and temperature anomaly (normal period: 1991-2020) of March

Diurnal Temperature Range

Most part of Koshi Province, some part of Bagmati Province, and isolated part of Gandaki Province and Lumbini Province had lower diurnal temperature range while remaining part of the country had higher diurnal temperature range (Figure 11).

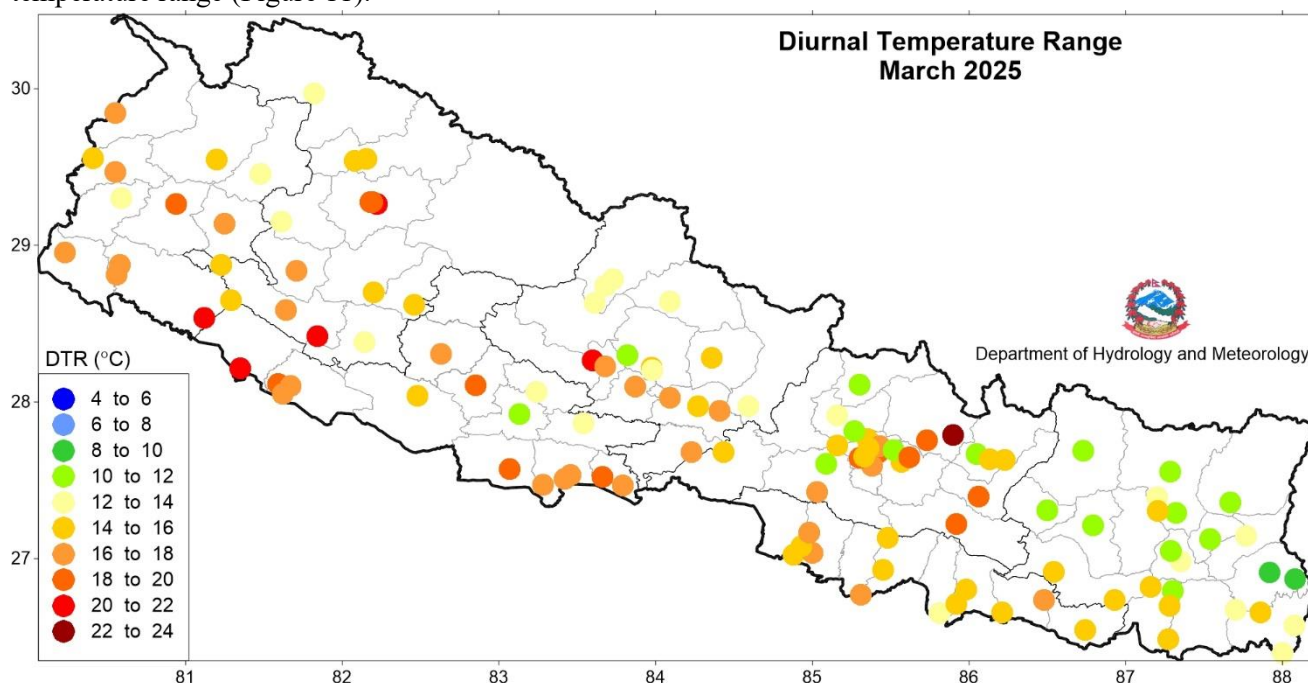


Figure 11: Diurnal Temperature Range in March 2025

Drought

Central part of the Koshi Province, most part of Lumbini Province and some part of Bagmati Province and Gandaki Province faced extreme drought condition (below normal precipitation by 70%) (Figure 2). Moderate to severe drought condition was observed over southern parts of Sudurpaschim Province and Karnali Province, most parts of Gandaki Province, Bagmati Province and Koshi Province, and some parts of Madhesh Province. 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.



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Table 1: Drought category

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

Several stations broke the previous record of March extremes of precipitation, maximum and minimum temperature (Table 1 ,2 & 3).

Table 1: List of station breaking the March lowest daily minimum temperature.

S.N.	Station Name	District	Record break minimum temperature (°C)/Date	Previous highest minimum temperature (°C)/Date
1	Bahrabise	Sindhupalchowk	4.0/2025-03-02	5.5/2024-03-06

Table 2: List of station breaking the March highest daily maximum temperature

S.N.	Station Name	District	Record break maximum temperature (°C)/Date	Previous highest maximum temperature (°C)/Date
1	Talcha	Mugu	21.9/2025-03-27	21.0/2024-03-29
2	Num	Sankuwasabha	28.5/2025-03-26	28.2/2011-03-14
3	Khadbari	Sankuwasabha	33.0/2025-03-17	32.0/2022-03-15
4	Tumlingtar	Sankuwasabha	38.0/2025-03-17	36.7/2022-03-20
5	Chandragadhi Airport	Jhapa	34.2/2025-03-17	33.1/2023-03-12
6	Bijuwar Tar	Pyuthan	35.8/2025-03-29	35.1/2014-03-16
7	Libang Gaun	Rolpa	33.0/2025-03-29	32.0/2012-03-23
8	Gulariya	Bardiya	38.5/2025-03-17	37.2/2022-03-21
9	Bhairahawa Airport	Rupandehi	40.3/2025-03-28	40.2/1986-03-30
10	Parasi	Nawalparasi (West)	39.0/2025-03-28	38.5/2014-03-28
11	Lumbini	Rupandehi	39.5/2025-03-28	39.0/2004-03-26
12	Godavari West.	Kailali	43.5/2025-03-28	38.5/2010-03-25
13	Musikot (Rukumkot)	Rukum (West)	31.4/2025-03-27	31.2/2004-03-24
14	Godavari	Lalitpur	30.0/2025-03-29	29.5/2010-03-24
15	Dhulikhel	Kavrepalanchowk	32.0/2025-03-29	31.0/2022-03-19
16	Bahrabise	Sindhupalchowk	34.6/2025-03-31	33.5/2022-03-15
17	Khumaltar	Lalitpur	31.0/2025-03-29	30.5/1981-03-21
18	Panchkhal	Kavrepalanchowk	35.8/2025-03-29	34.9/2022-03-19



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19	Bhaktapur	Bhaktapur	34.0/2025-03-29	32.2/2022-03-18
20	Changu Narayan	Bhaktapur	34.5/2025-03-31	31.6/2022-03-19
21	Buddhanilakantha	Kathmandu	31.2/2025-03-30	30.0/2010-03-29
22	Khokana	Lalitpur	31.1/2025-03-29	31.0/2010-03-25
23	Baglung	Baglung	35.3/2025-03-29	34.5/1992-03-27

Table 3: List of station breaking the March highest daily precipitation

S.N.	Station Name	District	Record break daily Precipitation (mm)/Date	Previous highest Precipitation (mm)/Date
1	Darchula	Darchula	56.2/2025-03-01	43.4/2015-03-03
2	Oli Gaun (Patkani)	Achham	40.4/2025-03-01	25.5/2005-03-02
3	Jumla Airport	Jumla	52.4/2025-03-01	44.3/2015-03-03



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Annex 1: Monthly precipitation and temperature data of March 2025

S.N.	Station	Latitude	Longitude	Elevation	Precipitation										Temperature							
					Total (mm)	Normal	% of Normal	No. of Rainy Days				24hr Highest (mm)/Date	Maximum			Minimum				No. of days with Tx>30°C	DTR (°C)	
								≥1.0mm	≥10.0mm	≥25.0mm	≥50.0mm		Average (°C)	Normal	Dep. form normal (°C)	Highest temp. / Date	Average (°C)	Normal	Dep. form normal (°C)			Lowest temp. / Date
Koshi Province																						
1	Biratnagar Airport	26.48	87.27	72	31.8	15.9	200	2	2	0	0	16.2/23	30.9	31.1	-0.2	35.2/17	16.8	15.9	0.9	12/4	20	13.4
2	Chainpur (East)	27.29	87.32	1277	58.6	61.3*	95.6	4	1	1	0	44.6/1	23.5	24.2*	-0.7	30.4/31	8.1	10.3*	-2.2	3.5/6	2	19.2
3	Chandragadi Airport	26.57	88.08	95	38.5	71.9*	53.5	2	1	1	0	36.2/22	30.2	29.6*	0.6	34.2/17	17.0	16.8*	0.2	12.6/4	17	12.8
4	Chatara	26.82	87.16	105	5.2	30.2	17.2	2	0	0	0	4/2	31.5	32*	-0.5	35.8/28	17.1	16.7*	0.4	12.8/4	21	12.5
5	Damak	26.67	87.70	119	10.2	25.1	40.7	1	1	0	0	10.2/22	31.2	31.3*	-0.1	36/28	17.4	17*	0.4	13.6/2	20	12.7
6	Dhankuta	26.98	87.35	1192	10.6	26.9	39.5	3	0	0	0	4.4/9	26.0	24	2.0	29.8/28	12.4	12.8	-0.4	9.5/6	0	13.4
7	Dharan Bazar	26.79	87.30	310	7.6	29.9	25.5	2	0	0	0	5.3/22	30.4	30.5*	-0.1	35/28	18.6	18.1*	0.5	14/6	18	10.6
8	Diktel	27.21	86.79	1612	10.2	24.7	41.4	4	0	0	0	4.2/23	23.0	22.3*	0.7	26.5/18	12.3	11.9*	0.4	8.8/6	0	9.8
9	Gaida (Kankai)	26.66	87.86	107	35.2	19.4	181	2	2	0	0	19.9/23	31.1	31.5	-0.4	35.5/17	16.3	14.7	1.6	11.5/4	20	13.3
10	Ilam Tea Estate	26.91	87.92	1208	5.9	23.7	24.9	2	0	0	0	3.8/9	23.2	22.8	0.4	27.5/28	14.4	13.3*	1.1	11.2/24	0	8.0
11	Kanyam Tea Estate	26.87	88.08	1570	8.6	36.1	23.8	3	0	0	0	3/9	21.7	19.9	1.8	25.5/25	12.0	9.1	2.9	9/5	0	8.9
12	Kechana	26.40	88.00	71	2.7	22.8*	11.8	2	0	0	0	1.4/22	30.2	31.2*	-1.0	33.5/17	16.4	16.4*	0.0	11.6/4	18	12.9
13	Khadbari	27.39	87.20	1064	15.1	36.1*	41.9	4	0	0	0	4.2/13	26.9	25.3*	1.6	33/17	14.9	14.3*	0.6	11/23	6	10.7
14	Lukla Airport	27.69	86.73	2786	35.9	45.3*	79.2	9	0	0	0	9.2/13	14.2	13.3*	0.9	19.3/17	3.0	2.6*	0.4	-0.4/2	0	9.3
15	Num	27.56	87.29	1494	161.7	111	145	11	5	1	1	70.7/22	22.2	22*	0.2	28.5/26	11.3	10.3*	1.0	5.5/22	0	9.3
16	Okhaldhunga	27.31	86.50	1731	12.6	25.8	48.7	3	0	0	0	7.3/13	23.0	21.8	1.2	28.2/29	11.6	10.5	1.1	8.7/23	0	11.2
17	Pakhribas	27.05	87.29	1720	0.8	28.8	2.9	0	0	0	0	0.3/2	21.3	21	0.3	25.2/28	11.0	10.1	0.9	7.5/7	0	9.3
18	Phidim	27.14	87.77	1157	6.3	32.2	19.6	2	0	0	0	4.7/13	27.0	26.1	0.9	30.7/28	13.6	12.6	1.0	10/2	6	13.0
19	Salleri	27.51	86.59	2383	-	29.4	-	-	-	-	-	-	-	20*	-	-	5.2*	-	-	-	-	-
20	Taplejung	27.36	87.67	1744	27.7	48.6	57	6	0	0	0	7.5/14	21.1	20.3	0.8	26.1/17	10.4	9.4	1.0	7.3/23	0	9.8
21	Tarahara	26.70	87.28	120	11.3	26.7	42.3	1	1	0	0	10/23	31.7	30.5	1.2	35.5/31	15.8	14.4	1.4	11/4	24	14.3
22	Terhathum	27.12	87.54	1525	0.6	25.6	2.1	0	0	0	0	0.3/13	23.1	22.4	0.7	28.7/31	11.9	10.6*	1.3	9/6	0	10.8
23	Tumlingtar	27.30	87.20	477	15.8	21.6	73.1	3	1	0	0	11.2/13	31.2	30.6*	0.6	38/17	16.0	14.3*	1.7	9.1/5	23	13.0
24	Udayapur Gadhi	26.91	86.54	469	2.0	18.4	10.9	1	0	0	0	2/23	30.0	29.1*	0.9	34/28	15.9	15.9	0.0	11/5	17	12.2
Madhesh Province																						
1	Birganj	27.02	84.88	67	9.5	16.6	57.4	1	0	0	0	9/23	32.2	31.8*	0.4	37/28	17.2	16.8*	0.4	13/7	25	13.9
2	Gaur	26.77	85.31	77	4.0	5.8	69.1	1	0	0	0	4/23	33.1	28.1	5.0	37.5/31	17.0	14.4	2.6	14.4/5	27	13.4
3	Hardinath	26.80	85.98	93	46.8	19.2*	243.8	2	2	1	0	28.3/22	30.7	30.2*	0.5	35/27	15.9	15.6*	0.3	12/3	21	13.1
4	Jalesor	26.65	85.81	68	5.0	11.0	45.6	2	0	0	0	4/23	32.4	31.7	0.7	37/27	18.6	17.4	1.2	14/6	27	13.1
5	Janakpur Airport	26.71	85.92	76	39.7	13.2	301	2	1	1	0	34.2/22	32.0	31.4	0.6	35.6/28	16.5	15.8	0.7	11.8/6	26	14.5
6	Kalaiya	27.04	85.00	100	5.5	10.4	53	1	0	0	0	5.5/23	33.1	31.8*	1.3	36.5/31	16.4	16.9*	-0.5	12.5/3	29	13.3
7	Karmaiya	27.13	85.48	139	28.3	15.5	183	2	1	1	0	25/23	31.8	31.5	0.3	36.5/17	17.6	17.7	-0.1	12.5/5	25	12.4
8	Lahan	26.73	86.48	110	5.2	14.5	35.9	2	0	0	0	4/23	32.7	30.5*	2.2	36.2/28	16.4	16.3*	0.1	12.2/4	28	15.3
9	Manusmara	26.93	85.45	90	7.6	11.5	66.2	1	0	0	0	7.2/23	31.2	31	0.2	35.1/27	15.9	15	0.9	12.5/4	22	12.9
10	Parwanipur	27.08	84.93	87	5.7	15.2	37.6	1	0	0	0	5.7/23	31.2	31	0.2	36/31	15.3	14.5	0.8	10.5/3	23	14.7
11	Phatthapur	26.74	86.93	83	0.0	19.3	0.1	0	0	0	0	0.01/22	31.3	32.4	-1.1	35.5/17	16.2	15.5	0.7	11.5/4	21	13.6
12	Rajbiraj	26.54	86.74	68	16.0	11.1	144	2	1	0	0	11.7/23	32.0	31.7	0.3	36.1/17	17.8	16.7	1.1	13.6/4	24	13.3
13	Simara Airport	27.16	84.98	137	30.5	17.3	176	1	1	1	0	30/23	31.0	31	0.0	35/28	14.6	13.8	0.8	10/5	20	14.2
14	Siraha	26.66	86.21	63	0.0	10.8	0	0	0	0	0	NR	32.4	31.6*	0.8	35.8/28	17.2	13.1*	4.1	12.5/5	27	14.0
Bagamati Province																						
1	Bahrabise	27.79	85.90	884	10.9	48.7	22.3	3	0	0	0	4.8/13	31.5	28.4*	3.1	34.6/31	7.8	11.5*	-3.7	4/2	24	22.9
2	Bhaktapur	27.68	85.42	1315	5.3	30.9	17.2	3	0	0	0	2.5/1	28.2	25.4*	2.8	34/29	9.5	8*	1.5	4.5/2	10	19.5
3	Bharatpur	27.68	84.43	216	4.2	28.1*	14.9	2	0	0	0	1.3/23	32.2	31.6*	0.6	37/24	17.0	16.5*	0.5	13/2	25	13.3
4	Buddhanilakantha	27.76	85.35	1378	-	33.9*	-	-	-	-	-	-	25.8	23.5*	2.3	-	11.0	9.3*	1.7	-	-	15.2
5	Changu Narayan	27.72	85.43	1502	4.6	37.7	12.2	2	0	0	0	3/1	28.4	24.5*	3.9	34.5/31	11.0	10.7*	0.3	7.4/1	13	17.5
6	Charikot	27.67	86.05	1940	47.0	45.9	102	10	1	0	0	19/13	19.1	20.9*	-1.8	25.2/29	8.0	7.6*	0.4	4.5/23	0	11.6
7	Chautara	27.75	85.73	1552	32.1	36.2	88.6	2	1	1	0	27.9/13	27.9	26*	1.9	31.6/28	9.6	11*	-1.4	6.2/2	7	16.2



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					Total (mm)	Normal	% of Normal	No. of Rainy Days				24hr Highest (mm)/Date	Maximum			Minimum			No. of days with Tx>30°C	DTR (°C)		
								≥1.0mm	≥10.0mm	≥25.0mm	≥50.0mm		Average (°C)	Normal	Dep. form normal (°C)	Highest temp. / Date	Average (°C)	Normal			Dep. form normal (°C)	Lowest temp. / Date
8	Daman	27.6	85.1	2265	21.7	42.3*	51.3	5	0	0	0	8.2/14	19	17.2*	1.4	24.3/29	6.8	6.1*	0.7	3/7	0	11.3
9	Dhulikhel	27.6	85.6	1543	10	26.6	37.6	3	0	0	0	4/23	26	21.9	4	32/29	9.9	8.9	1	6/2	2	14.9
10	Dhunchu	28.11	85.30	1993	22.7	49	46.4	4	0	0	0	9.4/1	19	19*	0.4	24.4/30	8	7.9	0.1	5/2	0	11.7
11	Dhunibesi	27.72	85.16	991	18.7	30.2	61.9	6	0	0	0	7.5/13	29	26.7	2.6	34.5/29	15	13.9	0.9	11/23	13	14.2
12	Godavari	27.59	85.38	1527	6.3	28.2	22.3	3	0	0	0	3.5/13	24	22.5	1.5	30/29	7.4	8.2	-0.8	4/2	1	16.5
13	Hetauda N.F.I.	27.42	85.03	452	12.9	23.5	54.9	2	0	0	0	8.4/22	32	30.3	1.3	34.9/31	14	13.4	0.5	10.3/29	25	15.2
14	Jiri	27.63	86.23	1877	18.9	47.6	39.8	6	0	0	0	5.6/13	21	19.7	1.3	26.2/28	5.3	3.6	1.7	1.2/2	0	15.9
15	Kabre	27.63	86.13	1755	13.3	42.3*	31.5	3	0	0	0	8.5/13	24	22.6*	1	29/29	8.1	9.4*	-1.3	5.5/2	0	15.3
16	Kakani	27.81	85.27	2030	14.4	45.6	31.6	4	0	0	0	7.2/1	20	19.8	0.3	25.5/29	8.7	9.1	-0.4	5.7/8	0	11.0
17	Kathmandu Airport	27.70	85.36	1337	6.84	38	18	4	0	0	0	2.3/1	26	25.9	-0.2	32/29	11	8.8	2.3	7.1/2	2	14.6
18	Khokana	27.64	85.30	1309	15.2	34.1	44.6	4	0	0	0	8.3/13	26	24.2*	2.2	31.1/29	8.1	6.8*	1.3	3.9/2	2	18.7
19	Khumaltar	27.65	85.33	1334	8.9	30.5	29.2	3	0	0	0	4.8/13	26	24.1	1.6	31/29	10	7.9	2.1	6.2/2	2	16.0
20	Manthali	27.39	86.06	497	0	21.1	0	0	0	0	0	NR	32	31.3*	0.5	35.5/28	13	14.2*	-1.4	9/2	24	17.9
21	Nagarkot	27.69	85.52	2147	5.3	33.1	16	2	0	0	0	2.1/1	20	19.3	0.7	26/31	8.6	7.7	0.9	5/7	0	10.8
22	Nuwakot	27.91	85.16	966	37.6	33.5	112	5	1	0	0	20.6/14	28	27.6	0.8	33.2/30	15	14.6	0.3	11/2	10	13.3
23	Panchkhal	27.65	85.62	857	10.5	22.8	46.2	2	0	0	0	6.7/23	30	27.9	1.7	35.8/29	11	9.5	1.5	8.1/18	16	18.7
24	Rampur	27.65	84.35	189	7.2	23.3	30.9	1	0	0	0	6/23	33	31.5	1.3	36.5/17	-	13.3	-	-	28	-
25	Sindhuli Madhi	27.22	85.92	556	14.1	26.8	52.6	2	1	0	0	11/2	31	29.1*	1.7	34.4/17	11	13.5	-2.3	8.4/2	22	16.9
Gandaki Province																						
1	Baglung	28.3	83.6	964	-	40.4	-	-	-	-	-	-	32	27.5	4.4	-	11	11.9	-0.8	-	-	17.1
2	Bandipur	27.9	84.4	991	16.8	29.1	57.8	3	1	0	0	11/15	26	25.5*	1	29.5/29	10	12.3*	-1.9	8/1	0	16.2
3	Chapkot	27.90	83.85	617	-	33.9	-	-	-	-	-	-	-	29.4	-	-	14	14	0.4	-	-	-
4	Damauli	27.97	84.27	347	47.2	46.2	102	4	3	0	0	22.2/15	31	30.6*	0.6	35.5/29	15	12.7*	2.8	12.5/18	20	12.6
5	Dumkauli	27.68	84.23	183	10.5	22.6	46.5	2	0	0	0	8.5/16	33	31.5	1.1	-	16	15.2	0.8	13.5/2	-	14.5
6	Gorkha	27.97	84.59	724	67.9	35.4	192	6	3	1	0	32.3/14	29	27.2	1.4	33/29	15	13.8*	0.9	11/2	9	12.7
7	Humde	28.6	84.1	3401	21.6	35.1*	61.6	4	1	0	0	10.9/5	12	11.2*	0.4	17.2/27	-2.1	-3.4*	1.3	-6/22	0	14.1
8	Jomsom	28.78	83.73	2741	0.45	30.4	1.5	0	0	0	0	0.4/23	17	15.2	1.5	21.6/27	4.4	2	2.4	1/3	0	13.4
9	Khairini Tar	28.03	84.09	515	-	45.8	-	-	-	-	-	-	31	29.9	0.7	-	14	13.1	0.8	-	-	13.9
10	Khudi Bazar	28.28	84.36	838	54.9	83.5	65.8	8	1	1	0	31/22	27	27.1	0.4	32.2/29	12	13.3	-1.5	7.5/23	7	14.3
11	Kushma	28.22	83.68	900	11.2	40.7	27.5	2	0	0	0	9.2/23	29	28.3	0.9	34.6/29	13	12.6	0.2	8.6/23	15	15.0
12	Lete	28.63	83.61	2490	27	105	25.7	4	1	0	0	18/1	17	16*	1	22.5/28	4.5	3.2*	1.3	0/1	0	11.3
13	Lumle	28.30	83.82	1738	18.1	68.5	26.4	5	0	0	0	7/1	21	19.8	0.8	24.5/27	10	9.5	0.9	6.2/23	0	9.7
14	Malepatan	28.22	83.97	859	17.1	65.3	26.2	4	0	0	0	6/23	27	26.6	0.7	31.5/29	12	11.5	0.6	7.7/23	5	13.4
15	Pokhara Airport	28.20	83.98	827	17.7	63.7	27.8	5	0	0	0	4.8/1	28	27.1	0.6	32.3/29	14	13.1	1.1	9/2	7	12.4
16	Syangja	28.10	83.87	871	16.3	44.1	37	5	0	0	0	7/23	29	27.1	1.5	33.3/29	13	11.5	1.1	9.6/18	12	13.1
17	Thakmarpha	28.74	83.68	2655	3.1	37.7	8.2	1	0	0	0	3.1/23	17	15.5	1.4	22.1/24	4.5	1.8	2.7	0/23	0	12.7
Lumbini Province																						
1	Bhairahawa (Agric)	27.5	83.5	112	-	19.5	-	-	-	-	-	-	32	31.4	0.6	-	15	14.2	0.4	-	-	14.8
2	Bhairahawa Airport	27.51	83.42	108	1.02	18.7	5.5	1	0	0	0	1/23	33	31.3	1.9	40.3/28	16	14.7	1	11.5/6	24	14.6
3	Bijuwara Tar	28.10	82.85	835	14.1	23.7	59.6	3	0	0	0	8.6/1	31	29.6*	1.4	35.8/29	12	12.2*	-0.2	8.9/3	20	18.3
4	Ghorai	28	82.5	663	2.9	20.3	14.3	1	0	0	0	2.3/1	30	28.8	1.4	35.3/27	15	13.2	1.6	11.3/2	18	14.8
5	Gulariya	28.21	81.35	126	2.03	13.3	15.3	1	0	0	0	2/1	33	30.4*	2.2	38.5/27	12	14.4*	-2.7	7/6	25	19.3
6	Khajura	28.11	81.59	129	2.61	13.9	18.8	2	0	0	0	1.6/1	32	31.1	1.1	37.6/28	14	13.6	0.2	9/6	24	16.6
7	Khanchikot	27.92	83.13	1801	5.6	38.9	14.4	3	0	0	0	2.8/2	22	19.8	2.1	26.6/31	11	10.8	0.1	6.6/8	0	9.6
8	Libang Gaun	28.31	82.63	1314	22.5	33.6	67	4	1	0	0	10.3/1	26	25.5*	1	33/29	10	10*	0.5	7/3	5	16.7
9	Lumbini	27.47	83.28	95	2.01	15.4	13.1	1	0	0	0	2/23	33	31.5*	1.3	39.5/28	15	15.1*	-0.2	11/3	24	15.9
10	Nepalgunj Airport	28.05	81.62	141	3	15.7	19.1	2	0	0	0	1.5/4	32	31.3	0.9	38.5/27	15	13.8	0.9	10/6	22	15.1
11	Nepalgunj (Reg.Off.)	28.10	81.67	165	3.5	12.8	27.3	2	0	0	0	2/1	33	30.8	1.9	38.5/27	16	16	0.1	11/6	24	15.3
12	Parasi	27.52	83.66	112	3.01	21.2	14.2	1	0	0	0	3/23	32	31.5*	0.9	39/28	14	13.9*	-0.1	10/5	24	15.2
13	Semari	27.47	83.79	110	0	14.1	0	0	0	0	0	NR	32	32	0.2	38.5/28	15	14.6	0.8	11.5/3	24	14.6
14	Tamghas	28.06	83.24	1547	25.4	33.5	75.9	3	1	0	0	13.8/23	24	22.3	1.4	28.5/28	11	9.9	0.8	7/23	0	11.8
15	Tansen	27.86	83.54	1183	10	29.7	33.7	2	0	0	0	5/2	27	26	1	31.5/28	14	12.5	1.6	10.5/23	6	11.7
16	Taulihawa	27.57	83.07	106	0	24	0	0	0	0	0	NR	19	20.6	-2	25.5/6	9.8	8.8*	1	6.4/21	0	8.8



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

S.N.	Station	Latitude	Longitude	Elevation	Precipitation								Temperature								DTR (°C)	
					Total (mm)	Normal	% of Normal	No. of Rainy Days				24hr Highest (mm)/Date	Maximum			Minimum			No. of days with Tx>30°C			
								≥1.0mm	≥10.0mm	≥25.0mm	≥50.0mm		Average (°C)	Normal	Dep. form normal (°C)	Highest temp. / Date	Average (°C)	Normal		Dep. form normal (°C)		Lowest temp. / Date
Karnali Province																						
1	Chaurjhari Tar	28.7	82.2	863	25	23.8	105	4	1	0	0	18/1	30	29	1.3	36/31	-	11.1	-	-	18	-
2	Dailekh	28.84	81.71	1394	57.5	35.8	161	4	2	1	0	30.3/23	26	25.1	0.6	31.2/31	9.6	11.4	-1.8	6.6/8	5	14.7
3	Dipal Gaun	29.26	82.22	2422	74.8	40.4	185	5	2	1	0	44.7/1	22	19.3	2.5	27.5/26	1	0.5	0.5	-2/2	0	22.3
4	Dunai	28.95	82.90	2098	40	11.9	336	4	1	1	0	29.5/1	-	17.6*	-	-	1.3	4.7*	-3.4	-3/3	-	-
5	Gamadi Shree Nagar	29.55	82.15	2113	56.1	33.7	167	5	2	1	0	32.4/1	21	20.8*	0.5	27.5/27	6.6	6.8*	-0.2	3.4/1	0	14.8
6	Jajarkot	28.70	82.20	1240	15	33.4	45	1	1	0	0	15/1	27	26.9*	0.2	32.5/27	12	11.2*	0.8	8.5/23	6	14.1
7	Jumla	29.27	82.18	2363	85.6	49.3	174	5	2	1	1	54.2/1	20	19	1.4	25.2/27	1.3	0.6	0.7	-2/3	0	20.5
8	Jumla Airport	29.27	82.19	2384	82.5	40*	206	5	2	1	1	52.4/1	19	19.1*	0.3	24.4/30	0.4	0.7*	-0.3	-3/3	0	20.7
9	Manma	29.15	81.61	1729	60	36.8*	163	4	1	1	0	46.4/1	23	22.6*	0.2	29/29	9.9	9*	0.9	6.6/1	0	13.2
10	Mehalkuna	28.42	81.84	464	6.31	19.9*	31.7	1	0	0	0	6.3/1	32	30.5*	1.4	37/28	11	11.4*	-0.1	8.3/21	21	18.9
11	Musikot (Rukumkot)	28.62	82.46	1412	24	40.5	59.3	2	1	0	0	21.4/1	26	23.9	2	31.4/27	11	9.6	1.9	8.5/1	4	13.5
12	Nagma	29.20	81.91	2017	90.8	56.2	162	4	2	1	1	68/1	20	20.2*	0.2	26/27	-	5.4*	-	-	0	-
13	Pusma Camp	28.88	81.23	953	28	32.5	86.2	3	1	0	0	19.1/1	27	25.5	1.1	32.6/30	12	14	-2.3	8/6	5	13.9
14	Rara	29.54	82.08	2989	32	50.3*	63.6	5	0	0	0	9/13	14	12.9*	1.1	19.5/27	-0.7	-0.6*	-0.1	-3.5/3	0	15.3
15	Salyan Bazar	28.38	82.14	1557	18.6	29.4	63.3	1	1	0	0	18/1	26	24.6	1.1	32.4/29	12	11.5	0.5	7.4/1	4	14.2
16	Simikot	29.97	81.82	2993	66.2	54*	123	6	2	1	0	40.2/1	14	11.9*	1.9	20.5/27	0.8	-0.9*	1.7	-3.1/2	0	12.6
17	Surkhet Airport	28.59	81.64	720	9.71	28.8	33.7	1	0	0	0	9.7/1	30	28.4	2	35.5/29	13	11.9	0.6	9/2	18	18.2
18	Talcha	29.5	82.1	2750	69.9	36.6*	191	5	2	1	0	35.8/1	16	14.4*	1.8	21.9/27	-	0*	-	-	0	-
Sudurpaschim Province																						
1	Baitadi (Gothalapani)	29.6	80.4	1352	36.1	45.7	79	3	1	1	0	32/1	25	23.9*	1.4	31.6/30	10	8.5*	1.9	6/8	6	0
2	Bajura (Martadi)	29.46	81.48	1598	58	55.4	105	5	1	1	0	42.8/1	23	22.5*	0.4	28.5/28	10	8.5*	1.9	6.5/2	0	12.3
3	Chainpur (Bajhang)	29.55	81.20	1405	23	35.7	64.5	2	1	0	0	12.2/23	24	25	-0.5	29.2/29	14	11.8	1.9	11/1	0	8.1
4	Chisapani (Karnali)	28.65	81.29	201	21.6	19.3	112	1	1	0	0	21.6/1	32	29.8	1.7	38.2/27	17	17	0.5	13.5/5	22	12.7
5	Dadeldhura	29.30	80.59	1879	55.3	50.2	110	6	1	1	0	36.2/1	22	20.4	1.8	27.8/30	9.1	8.6	0.5	5.3/2	0	12.8
6	Darchula	29.8	80.6	945	70.2	62.8*	112	7	1	1	1	56.2/1	29	28.4*	0.5	35.3/30	12	12.4*	0	6.9/2	15	16
7	Dhangadhi (Attariya)	28.81	80.56	184	9.1	20.7	44	2	0	0	0	6.7/1	32	30.6	1.5	38.3/27	15	13.4	1.3	10.4/6	23	15.7
8	Dipayal	29.26	80.94	563	43.6	34.8	125	4	1	1	0	30.3/1	31	30.1	0.6	37.2/28	12	11.1	0.4	8.2/3	16	19.6
9	Godavari (West)	28.88	80.58	280	6	28.4	21.1	1	0	0	0	6/1	34	30.7	3	43.5/28	17	16.7	0.6	10.5/6	26	15.3
10	Mahendra Nagar	28.95	80.23	197	14.3	22.8	62.8	2	1	0	0	12.8/1	32	30.1	1.6	38.4/27	14	12.9	1.3	9/6	23	16.6
11	Mangalsen	29.14	81.25	1310	52.9	51.6	103	4	1	1	0	43.4/1	28	24.9*	2.7	33.5/29	11	10.2*	0.8	7.5/2	6	16.4
12	Oli Gaun (Patkani)	29.16	81.28	989	40.4	17.4*	232	1	1	1	0	40.4/1	-	23.8*	-	-	8.7	11.4*	-2.7	6.6/1	-	0.0
13	Patan new	29.47	80.55	1292	36.3	50.3*	72.2	3	1	1	0	31.5/1	26	24.4*	1.6	31.5/27	9.9	10.2*	-0.3	0/20	6	15.9
14	Tikapur	28.54	81.12	149	6.42	20.7	31	1	0	0	0	6.4/1	32	30.8	1.4	38.6/27	11	13.3	-2.7	6.5/6	24	22.0

Note:

- This summary is prepared based on the precipitation and temperature recorded at 128 meteorological stations.
- Normal precipitation/temperature is the average of the monthly precipitation/temperature for the period of 1991-2020. In case of precipitation, 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.
- Abbreviation: "No." = number; "hr" = hour; "mm" = millimeter; "temp" = temperature; "-" = Data Not Available; "NR" = No Precipitation; "dep." = departure; "Tx" = Maximum temperature; "DTR" = Diurnal Temperature Range; "*" = Average of the observed-period (stations without normal)