



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

10<sup>th</sup> September 2023

**Preliminary Precipitation and Temperature Summary**  
**August, 2023**

### Highlights

Nepal experienced light to moderate rain / thundershower with intermittent heavy to very heavy rainfall in some places throughout the month.

### Synoptic Sequences

The monsoon trough was north of its normal position in most days of second and fourth week and the western end of the monsoon trough was north of its normal position in most days of first and third week.

### Precipitation

Isolated part of Gandaki Province and Sudurpaschim Province recorded precipitation above 1100 mm while northern part of Karnali Province and north-western part of Gandaki Province recorded precipitation less than 200 mm during August (Figure 1). Most parts of the country recorded near-normal to above normal precipitation while some part of Bagmati Province, central part of Lumbini Province, Karnali Province and Sudurpaschim Province recorded below normal precipitation (Figure 2).

Chisapani station of Kailali district recorded the highest 24-hours precipitation of 424.2 mm on 8<sup>th</sup> August 2023. The highest monthly total precipitation of 1376.9 mm was recorded at Lumle station of Kaski district while the lowest monthly total precipitation of 88.1 mm was recorded at Humde station of Manang district. Similarly, the highest (495.0%) and the lowest (52.9%) percentage of monthly normal precipitation were recorded at Jomsom station of Mustang district and Bijuwar station of Pyuthan district respectively (Annex 1). Based on the average of 97 stations shown in figure 2, Nepal received 113.4% of the normal precipitation of the month. In general, less than 90% of normal precipitation is considered as below normal, 90 to 110% is considered as near normal, and more than 110% of normal precipitation is considered as above normal precipitation for the month.

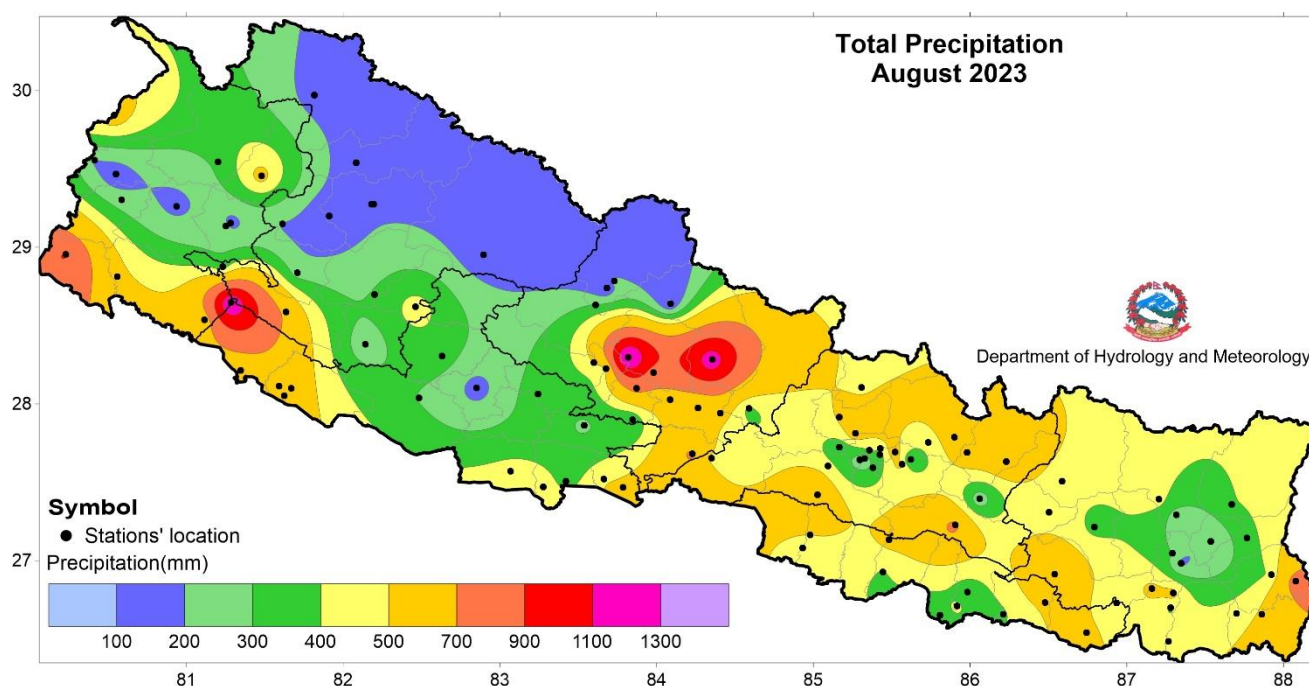


Figure 1: Total precipitation in August 2023.



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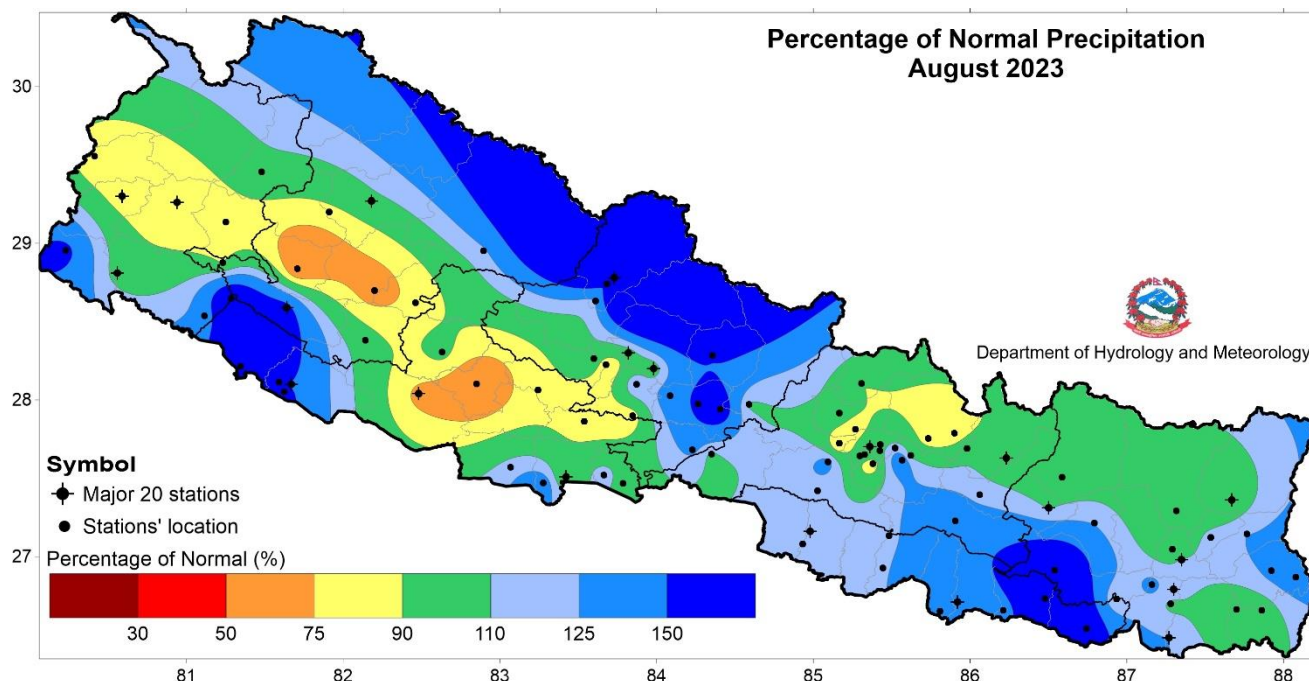
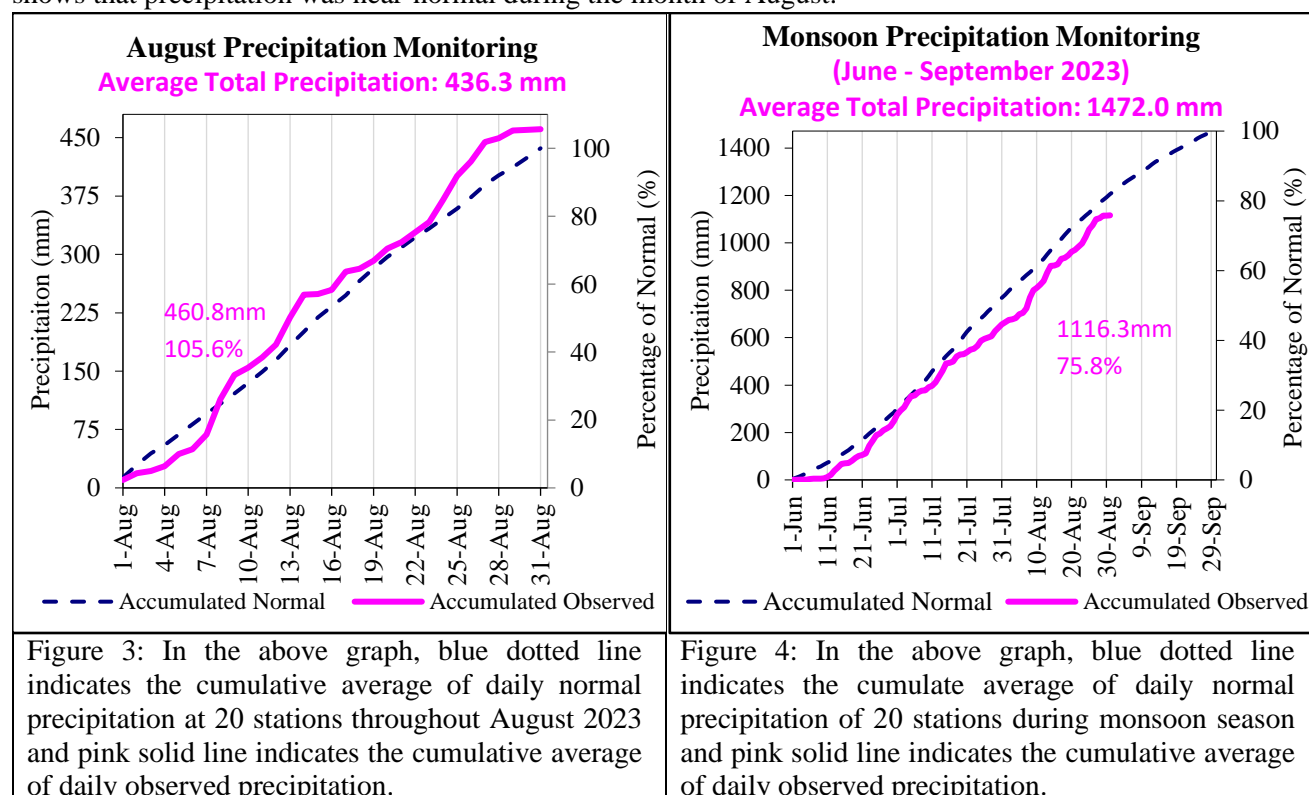


Figure 2: Percentage of normal precipitation in August 2023.

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





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### Maximum Temperature

Northern part of the country recorded monthly maximum temperature less than 15°C while southern plain recorded above 30°C during August (Figure 5). Most parts of the country recorded below normal maximum temperature while western part of Sudurpaschim Province, northern part of Karnali Province, central part of Bagamati Province, north-eastern part of Koshi Province and isolated part over other provinces recorded near-normal to above normal maximum temperature (Figure 6).

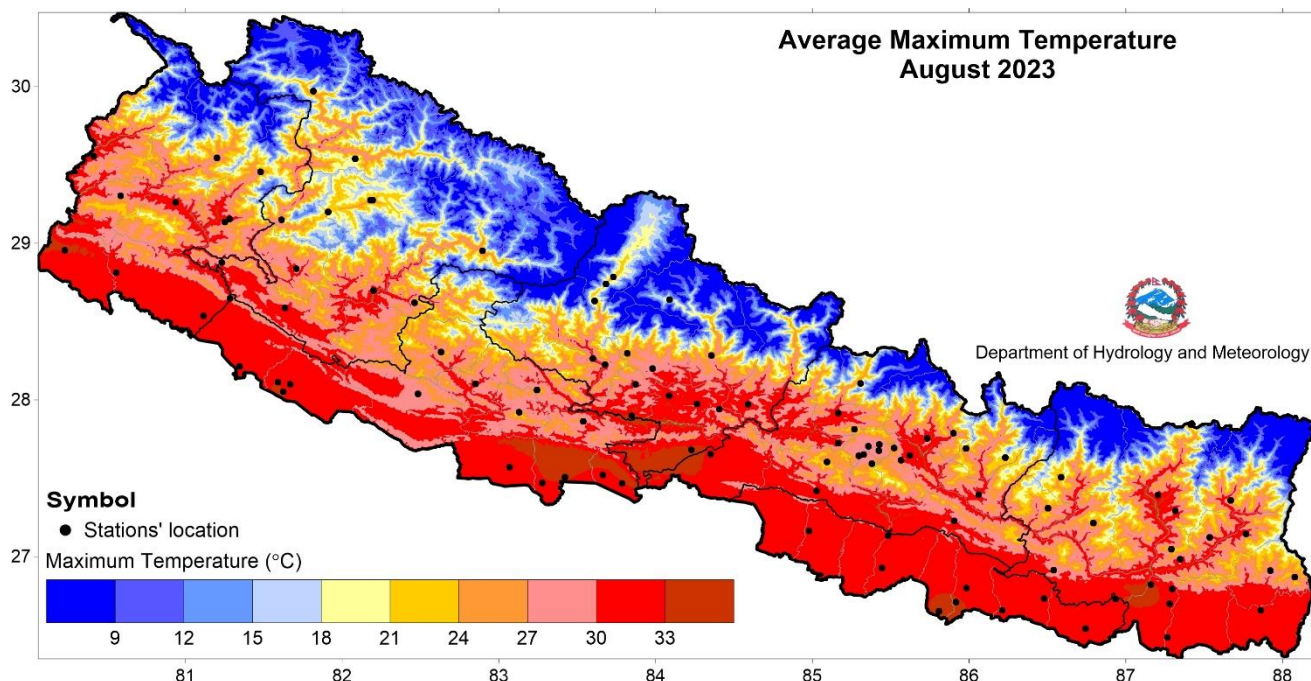


Figure 5: Maximum Temperature in August 2023.

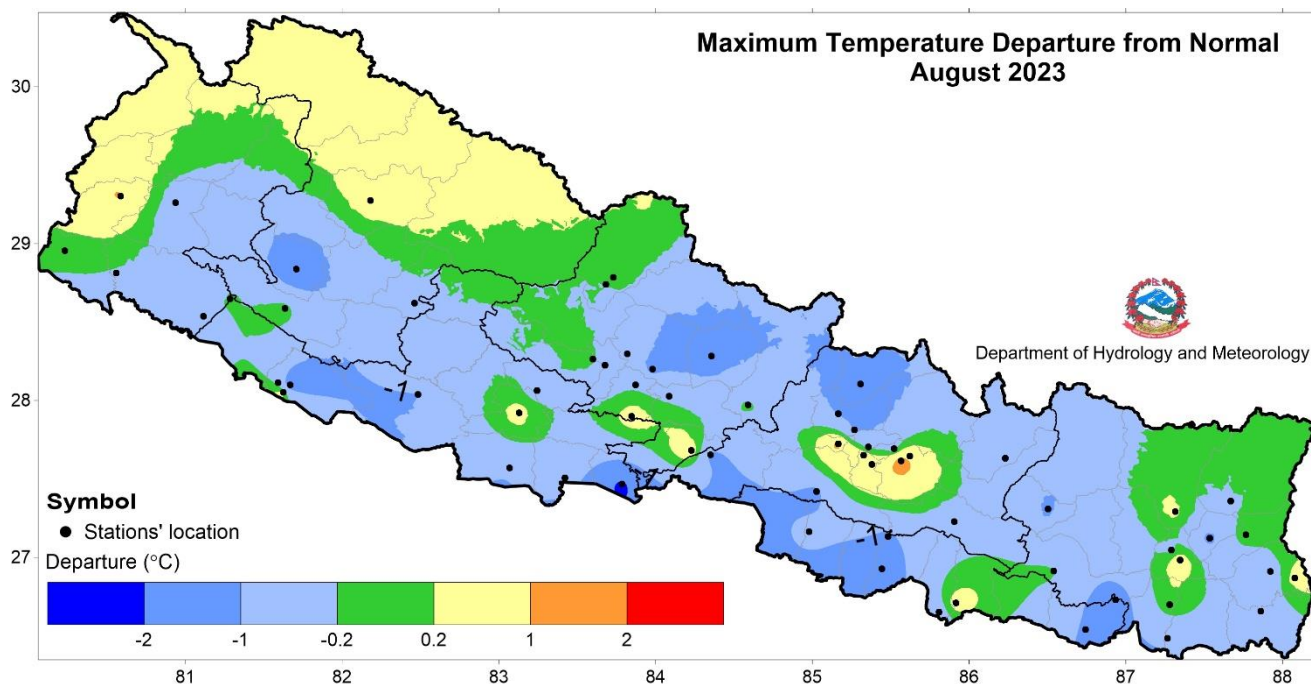


Figure 6: Departure from normal maximum temperature in August 2023.





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Dumkauli station of Nawalparasi-East district and Humde station of Manang district recorded the highest and lowest monthly maximum temperature of 34.5°C and 19.2°C respectively. Similarly, the highest monthly anomaly of 1.4°C was recorded at Dhulikhel station of Kavrepalanchok district and the lowest of -2.2°C was recorded at Semari station of Nawalparasi-West district (Annex 1). The highest daily maximum temperature of 40.7°C was recorded at Chatara station of Sunsari district on 1<sup>st</sup> August while the lowest daily maximum temperature of 15.5°C was recorded at Humde of Manang district on 25<sup>th</sup> August. Some of the stations broke the August's highest record and some of the stations broke both August's and ever-recorded highest maximum temperature.

### Minimum Temperature

Northern part of the country recorded monthly minimum temperature less than 9°C while southern plain recorded more than 24°C during August (Figure 7). Most parts of the country recorded above normal minimum temperature while the northern part of Gandaki Province and Karnali Province, as well as a few places across the country recorded near-normal to below normal minimum temperature (Figure 8).

Janakpur Airport station of Dhanusha district and Jomsom station of Mustang district recorded the highest and lowest monthly minimum temperature of 27.3°C and 11.1°C respectively. Similarly, the highest monthly anomaly of 2.6°C was recorded at Chainpur station of Sankhuwasava district and the lowest anomaly of -5.1°C was recorded at Khudi Bazar station of Lamjung district (Annex 1). The highest daily minimum temperature of 31.2°C was recorded at Gaida (Kankai) station of Jhapa district on 17<sup>th</sup> August while the lowest daily minimum temperature of 8.5°C was recorded at Rara station of Mugu district on 28<sup>th</sup> August. Some of the stations broke the August's lowest record of minimum temperature in this August.

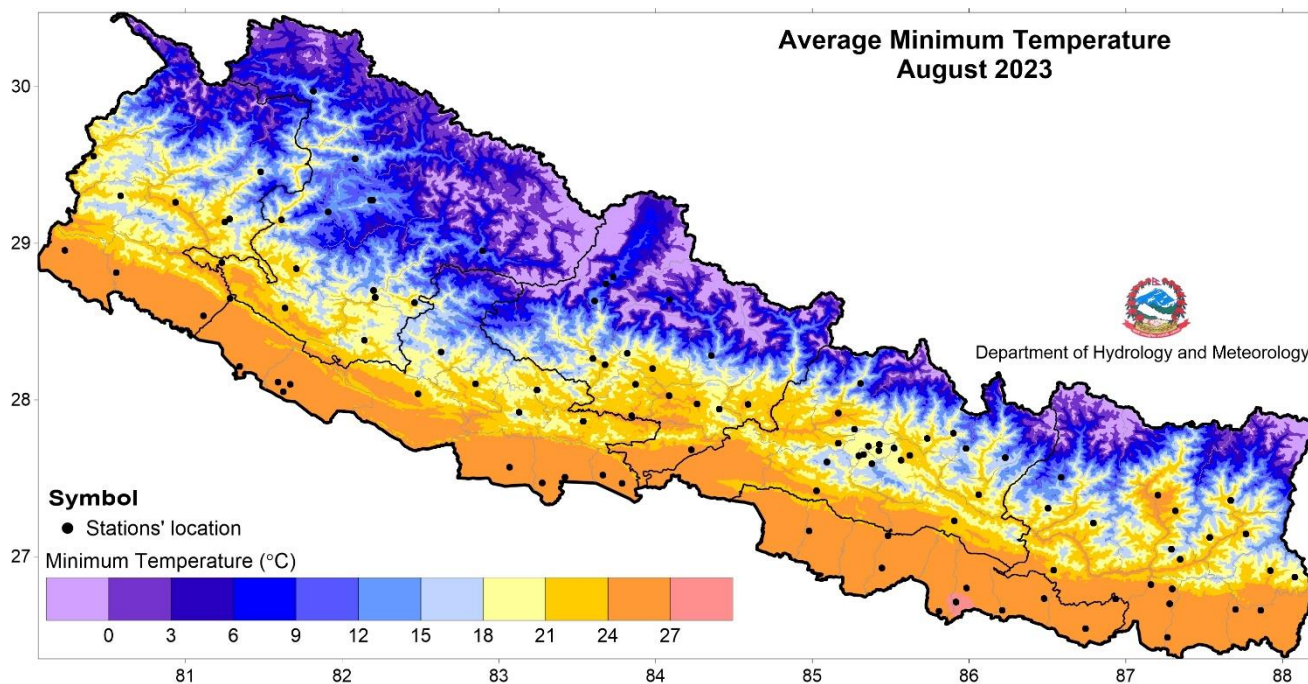


Figure 7: Minimum Temperature in August 2023.



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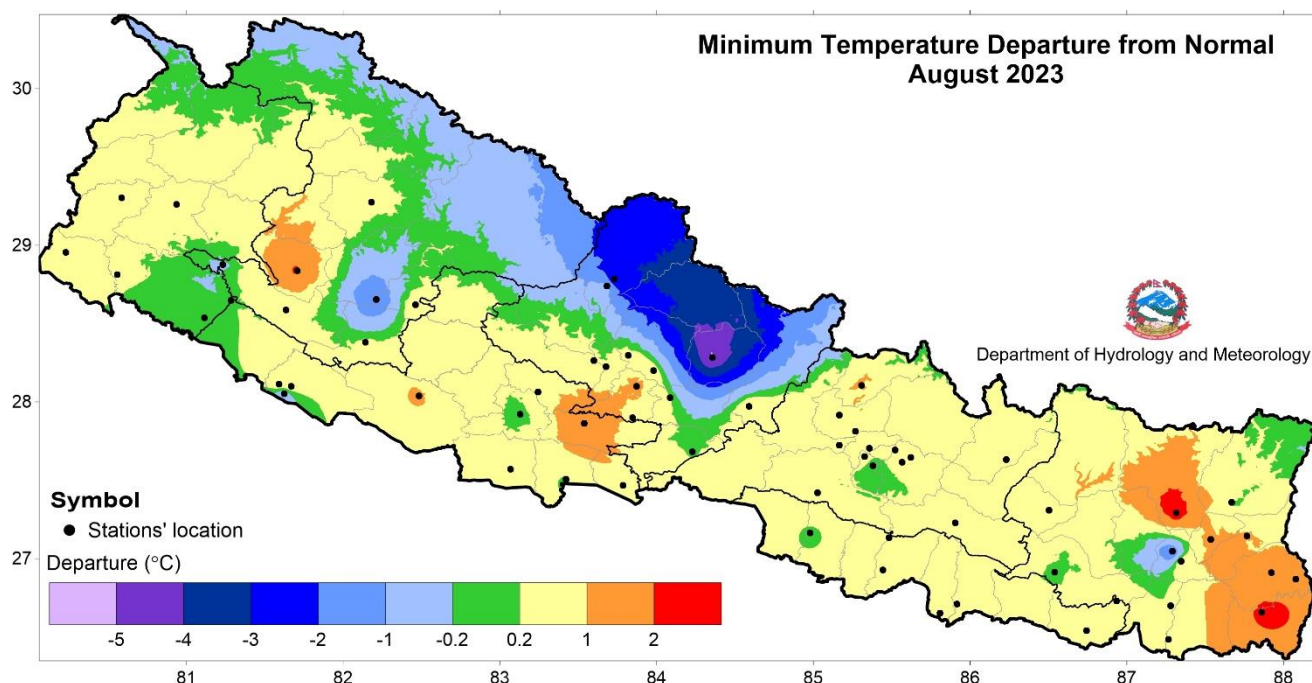


Figure 8: Departure from normal minimum temperature in August 2023.

## Extreme Weather

### 1. Heavy precipitation

During the month of August, heavy to very heavy precipitation events were observed, some of them resulting in occurrences of flooding and landslides. The top 10 extreme 24-hour precipitation records, along with their respective dates, are presented in Table 1.

Table 1: Top 10 extreme 24-hour daily precipitation records in August 2023.

S.N.	Station Name	District	24-hour precipitation (mm)	Date
1	Chisapani (Karnali)	Kailali	424.2	2023-08-08
2	Chisapani (Karnali)	Kailali	192.5	2023-08-12
3	Syangja	Syangja	192.3	2023-08-09
4	Khairini Tar	Tanahun	192.2	2023-08-09
5	Sindhuli Madhi	Sindhuli	180.5	2023-08-08
6	Dumkauli	Tanahun	174.0	2023-08-10
7	Lahan	Siraha	171.2	2023-08-25
8	Gulariya	Bardiya	163.8	2023-08-13
9	Damauli	Tanahun	159.0	2023-08-09
10	Karmaiya	Sarlahi	158.5	2023-08-08

### 2. Historical record break

In this August, several stations broke the previous record of August's extremes and ever-recorded extremes of temperature and precipitation (Table 2 and 5).



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Table 2: List of stations breaking ever-recorded highest daily maximum temperature in August 2023.

S.N.	Station Name	District	Record break maximum temperature (°C)/Date	Previous highest maximum temperature (°C)/Date
1	Chatara	Sunsari	40.7/2023-08-01	40.5/2016-04-25

Table 3: List of stations breaking the August's highest daily maximum temperature in August 2023.

S.N.	Station Name	District	Record break maximum temperature (°C)/Date	Previous highest maximum temperature (°C)/Date
1	Bhaktapur	Bhaktapur	35.2/2023-08-26	34.5/2022-08-18
2	Chatara	Sunsari	40.7/2023-08-01	39.5/2016-08-17
3	Dhulikhel	Kavrepalanchok	31.0/2023-08-01	30.5/2000-08-05
4	Janakpur Airport	Dhanusha	39.0/2023-08-01	38.0/2013-08-03
5	Jaleswor	Mahottari	38.5/2023-08-01	38.4/2018-08-19
6	Lahan	Siraha	38.5/2023-08-01	38.0/2019-08-06

Table 4: List of stations breaking August's lowest daily minimum temperature in August 2023.

S.N.	Station Name	District	Record break minimum temperature (°C)/Date	Previous lowest minimum temperature (°C)/Date
1	Charikot	Dolakha	12.3/2023-08-12	14.1/2022-08-29
2	Darchula	Darchula	19.3/2023-08-29	19.4/2016-08-28
3	Diktel	Khotang	13.1/2023-08-13	15.5/2008-08-14
4	Dunai	Dolpa	10.0/2023-08-26	11.2/1989-08-04

Table 5: List of stations breaking August's highest daily precipitation in August 2023.

S.N.	Station Name	District	Record break daily precipitation (mm)/Date	Previous highest precipitation(mm)/Date
1	Jomsom	Mustang	62.5/2023-08-26	36.2/1965-08-29
2	Khairini Tar	Tanahun	192.2/2023-08-09	164.4/2021-08-30
3	Mangalsen	Achham	113.3/2023-08-14	104.1/2007-08-13



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**Annex 1: Monthly precipitation and temperature data of August 2023**

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	494.4	110.1	20	11	7	4	89.4/8	31.2	0.1	35.5/1	22.2	0.4	20.5/17
Bahrabise	27.7887	85.9000	884	566.7	75.7	28	24	7	1	57.6/25	31.0	-	34.5/19	21.9	-	20/14
Baitadi (Gothalapani)	29.5574	80.4132	1352	194.4	74.9	15	3	2	2	57/14	30.9	-	32.5/1	20.4	-	18.2/14
Bajura (Martadi)	29.4570	81.4804	1598	552.5	104.4	24	16	9	4	70.8/24	26.9	-	30/1	19.6	-	16.5/29
Bandipur	27.9418	84.4064	991	562.9	176.0	17	11	6	5	138.2/26	28.0	-	31/2	17.7	-	15.5/14
Bhairahawa Airport	27.5068	83.4204	108	357.9	89.5	17	10	5	2	74.2/17	33.1	-0.6	36.7/1	26.2	0.1	24.2/23
Bhaktapur	27.6767	85.4240	1315	337.3	105.4	19	12	3	1	77.1/8	30.1	-	35.2/26	21.2	-	19.5/15
Bijuwar Tar	28.1035	82.8520	835	153.3	52.9	14	6	1	0	32.1/24	31.2	-	35/19	23.4	-	21.6/14
Biratnagar Airport	26.4840	87.2670	72	442.1	125.2	20	8	8	3	112.3/8	32.1	-0.9	36.5/1	26.3	0.3	24.5/17
Chainpur (East)	27.2921	87.3170	1277	255.6	91.3	18	9	5	0	37.2/14	28.2	0.3	30/5	21.3	2.6	20/3
Chainpur (Bajhang)	29.5459	81.2011	1405	318.4	-	21	10	6	1	53/12	28.2	-	30.6/1	-	-	-
Changu Narayan	27.7161	85.4268	1502	438.6	102.2	18	13	7	1	100.4/8	28.1	-	32.2/19	19.9	-	18.5/14
Chapakot	27.8999	83.8459	617	304.6	79.3	17	7	4	3	62.5/26	33.1	0.5	36.6/2	24.2	0.7	22.2/17
Charikot	27.6902	85.9802	2132	596.1	106.1	27	20	7	3	73.7/25	24.3	-	26.8/12	16.4	-	12.3/12
Chatara	26.8204	87.1592	105	532.7	131.7	22	14	9	2	114.5/27	34.3	-	40.7/1	26.0	-	24.1/24
Chautara	27.7538	85.7321	1552	444.7	83.9	25	14	7	1	65/25	29.1	-	31.5/2	18.7	-	16.3/20
Chisapani (Karnali)	28.6472	81.2854	201	1308.0	194.5	24	16	12	7	424.2/8	31.7	-0.1	35.5/1	25.3	0.2	24/26
Dadeldhura	29.3014	80.5878	1879	252.5	81.5	14	9	4	0	42.2/20	25.4	1.0	28.1/17	18.0	0.7	16.3/29
Dailekh	28.8381	81.7085	1394	260.0	53.8	19	11	3	1	52.6/14	27.2	-1.7	32.2/2	19.6	2.1	17.6/14
Damak	26.6623	87.6988	119	446.9	96.6	20	14	5	2	121.2/24	-	-	-	24.0	-	11.5/6
Daman	27.6044	85.0920	2265	458.5	133.7	24	11	4	4	122/8	22.5	-	26.7/20	15.4	-	13.2/28
Damauli	27.9737	84.2651	347	504.8	154.8	16	9	6	3	159/9	32.8	-	37.5/1	25.2	-	23.5/14
Darchula New	29.8429	80.5388	887	593.1	-	28	18	8	3	66.5/12	32.0	-	35/18	22.5	-	19.3/29
Dhangadhi (Attariya)	28.8127	80.5600	184	549.0	102.8	19	11	6	4	143.9/9	32.6	-0.3	36.5/1	25.9	0.3	24/14
Dhankuta	26.9832	87.3460	1192	178.7	111.3	16	5	3	0	45.3/9	28.7	0.7	31.8/1	21.1	0.6	19.2/14
Dharan Bazar	26.7922	87.2978	310	541.8	117.5	26	13	9	3	81.8/13	31.6	-	36.2/1	25.3	-	24/14
Dhulikhel	27.6161	85.5655	1543	524.8	146.6	19	14	7	2	110/8	27.1	1.4	31/1	19.1	0.4	17.5/14
Dhunde	28.1053	85.3077	2005	485.3	90.2	26	18	9	0	39/6	22.6	-1.4	26.3/1	17.4	1.2	15.8/30
Dhunibesi	27.7229	85.1643	991	302.4	73.3	16	11	3	0	48.4/13	31.5	1.2	34/1	22.3	0.4	20/26
Diktel	27.2125	86.7919	1612	372.4	125.1	24	14	3	2	65.7/1	23.8	-	27.5/17	19.0	-	13.1/13
Dipayal (Doti)	29.2621	80.9369	563	172.1	76.6	13	6	2	1	53.5/14	33.2	-0.6	36.4/19	24.8	0.9	23.1/16
Dumkauli	27.6807	84.2285	183	732.0	130.1	20	15	9	3	174/10	34.5	0.7	37/1	25.8	0.1	24/14
Dunai	28.9507	82.8960	2098	122.3	120.9	15	5	0	0	20.2/14	28.5	-	31.5/3	14.2	-	10/26
Gaida (Kankai)	26.6569	87.8607	107	517.5	95.9	22	15	8	2	89.8/24	32.7	-0.8	37/1	26.6	2.2	24.5/29
Ghorai (Dang)	28.0372	82.4842	663	297.5	69.6	22	7	5	1	57/13	29.5	-1.0	32.7/1	23.9	1.1	22/15
Godavari	27.5929	85.3788	1527	315.2	76.0	20	9	6	1	57.2/26	26.5	0.7	29.5/28	18.2	-0.1	16/28
Gorkha (Birenchowk)	27.9714	84.5894	724	378.6	107.9	20	10	6	2	80.7/26	30.8	-0.1	34.5/1	23.4	0.9	22/14
Gulariya	28.2128	81.3452	126	564.5	165.7	19	10	7	5	163.8/13	32.2	-	35.4/1	26.3	-	24.5/26
Hardinath	26.8000	85.9833	93	324.5	-	14	8	5	3	67.5/13	32.0	-	37.2/1	26.8	-	25/23
Hetauda N.F.I.	27.4202	85.0252	452	650.3	115.4	20	13	9	4	139.2/13	31.3	-1.2	-	24.4	0.7	22.6/29
Humde	28.6399	84.0881	3401	88.1	-	17	2	0	0	16/17	19.2	-	21.5/31	11.2	-	8.8/18
Ilam Tea Estate	26.9096	87.9231	1208	414.2	131.4	25	13	5	3	59.4/14	25.4	-0.7	30/1	20.6	1.4	19.5/14
Jajarkot	28.6990	82.2001	1236	307.7	65.0	22	10	2	2	70.5/2	30.6	-	35/23	17.3	-	-
Jalesor	26.6522	85.8073	68	326.9	131.2	18	8	4	4	76/9	33.3	-0.7	39/1	26.6	0.6	24/8
Janakpur Airport	26.7097	85.9172	76	425.2	133.3	19	8	5	3	90.6/8	33.5	0.5	38.5/1	27.3	0.6	25.6/22
Jiri	27.6304	86.2321	1877	637.6	98.8	27	18	8	2	121.8/11	23.7	-0.6	26.2/1	17.6	0.7	15.9/14
Jomsom	28.7840	83.7298	2741	217.3	495.0	12	5	3	2	62.5/26	22.8	0.2	25/3	11.1	-2.7	9.5/28
Jumla	29.2747	82.1796	2363	190.6	104.6	15	6	2	0	41.5/24	25.4	0.6	28/1	16.1	0.6	13.7/28
Jumla Airport	29.2740	82.1942	2384	183.1	-	17	6	2	0	42.6/24	24.7	-	27.5/11	15.9	-	13.3/28





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				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
Kakani	27.8113	85.2674	2002	577.5	77.7	25	16	8	4	68.4/12	22.0	-1.0	25.3/17	16.9	0.6	15.2/14
Kanyam Tea Estate	26.8681	88.0783	1570	781.2	138.1	28	19	13	6	99.7/25	23.7	0.4	28.2/1	18.6	1.6	17/14
Karmaiya	27.1330	85.4841	139	530.9	120.2	17	11	7	2	158.5/8	32.5	-1.2	37.3/1	26.3	0.3	24/29
Kathmandu Airport	27.7038	85.3562	1337	388.6	113.4	20	14	6	1	64.3/8	28.7	-0.3	31.8/19	20.4	0.2	18.8/28
Khadbari	27.3911	87.2044	1064	444.6	-	26	16	7	1	50.3/18	29.5	-	33.5/1	23.6	-	20.5/27
Khairini Tar	28.0270	84.0866	515	597.5	139.1	19	14	7	3	192.2/9	32.7	-0.3	36.3/13	24.4	0.3	22.2/23
Khajura (Nepalganj)	28.1137	81.5903	129	624.8	187.2	20	13	10	4	119/13	33.1	-0.3	37/1	26.4	0.7	24.8/26
Khanchikot	27.9221	83.1298	1801	-	-	-	-	-	-	-	24.4	0.5	-	17.3	-0.2	-
Khokana	27.6438	85.2967	1309	259.4	95.4	20	8	4	0	43.5/8	28.4	-	30.5/1	20.3	-	18.1/28
Khudi Bazar	28.2822	84.3564	838	1238.6	151.4	26	22	18	10	138.9/13	29.3	-1.5	33.4/10	16.4	-5.1	14.7/2
Khumaltar	27.6517	85.3257	1334	262.6	103.6	18	10	3	0	41.2/8	28.6	0.7	30.4/2	20.9	0.6	18.5/25
Kushma	28.2249	83.6769	900	469.7	76.2	21	16	8	1	96.4/8	30.2	-1.1	34/3	22.2	0.3	20.6/14
Lahan	26.7327	86.4776	110	524.2	209.2	19	11	5	3	171.2/25	32.9	-	38.5/1	26.6	-	25/24
Lete	28.6327	83.6092	2490	317.1	124.7	25	12	2	0	36/13	21.8	-	-	15.3	-	13/28
Libang Gaun	28.3062	82.6323	1314	359.6	97.0	20	13	5	1	57.3/2	29.0	-	33/1	19.3	-	18/13
Lumbini	27.4703	83.2761	95	487.2	141.8	16	10	6	4	133/10	32.9	-	36.5/1	26.8	-	25/22
Lumle	28.2965	83.8179	1738	1376.9	97.0	31	25	21	12	114.4/25	23.2	-0.7	27/1	18.2	0.6	17/14
Mahendra Nagar	28.9548	80.2305	197	912.9	159.1	21	15	12	7	146.5/9	33.0	-0.1	36.6/18	25.9	0.5	23.8/14
Mangalsen	29.1361	81.2501	1310	257.6	82.2	17	6	4	1	113.3/14	29.5	-	33/16	21.1	-	19/29
Manma	29.1488	81.6135	1729	195.4	-	14	6	2	1	52.5/14	24.3	-	27.5/18	18.9	-	15.8/9
Manthali	27.3947	86.0612	497	221.1	117.5	15	6	2	1	62.4/2	33.1	-	36.9/1	23.9	-	22/14
Manusmara	26.9280	85.4451	90	391.3	123.5	18	9	4	3	112.2/8	32.2	-1.3	37/30	26.9	0.8	25.1/23
Musikot (Rukumkot)	28.6190	82.4625	1412	456.0	79.5	23	14	7	2	61.4/5	27.6	-0.4	31.2/19	20.4	0.9	18.3/14
Nagarkot	27.6933	85.5209	2147	557.7	118.6	20	15	7	4	102.2/8	21.9	-0.4	25/1	16.1	0.6	14/14
Nagma	29.2006	81.9106	2017	127.1	85.1	16	4	1	0	25.2/14	25.3	-	27.5/1	15.8	-	13.8/28
Nepalgunj Airport	28.1006	81.6682	165	587.6	147.9	19	15	8	4	102/25	32.2	-1.4	35.5/3	26.2	0.6	24/26
Nepalgunj (Reg.Off.)	28.0520	81.6228	141	599.4	171.9	22	14	9	4	82/23	33.3	0.3	37/1	25.6	-0.8	21.5/1
Nuwakot	27.9150	85.1646	966	508.7	107.0	22	15	7	3	93.2/25	29.6	-1.0	33.1/1	22.4	0.7	21/14
Okhaldhunga	27.3081	86.5042	1731	456.1	109.7	20	11	6	2	97.6/25	24.0	-1.1	27.3/1	18.4	0.8	16.6/22
Oli Gaun (Patkani)	29.1559	81.2831	989	155.2	-	14	6	1	0	30.3/13	30.7	-	32.6/11	19.9	-	18.2/24
Pakhribas	27.0463	87.2925	1720	298.2	93.0	21	9	4	0	44/9	23.3	-0.3	26/18	15.7	-2.0	13/29
Panchkhal	27.6451	85.6209	857	286.3	107.2	17	9	3	1	57.7/25	32.8	0.8	34.8/2	23.2	0.7	21.3/14
Parasi	27.5193	83.6622	112	488.4	121.1	15	9	7	4	85/8	32.6	-	36/2	26.3	-	24/17
Parwanipur	27.0789	84.9327	87	463.3	122.8	22	9	7	4	100/8	-	-	-	-	-	-
Patan new	29.4664	80.5506	1299	143.3	-	17	3	2	0	38.5/14	-	-	-	-	-	-
Phattepur	26.7305	86.9348	101	403.3	107.2	19	13	6	2	65.3/29	32.8	-1.5	36.8/1	26.4	0.9	24.4/24
Phidim (Panchther)	27.1437	87.7656	1157	353.5	124.9	20	12	5	1	58.6/8	29.6	0.1	34.4/1	21.9	1.1	18.6/14
Pokhara Airport	28.2002	83.9795	827	813.1	96.9	23	17	13	7	112.6/7	29.4	-1.1	32.6/1	23.0	0.7	21.3/28
Pusma Camp	28.8755	81.2327	953	355.5	90.0	16	8	6	2	69.4/14	27.3	-	30.4/19	21.5	-0.4	19.5/14
Rajbiraj	26.5407	86.7425	68	533.9	182.3	18	10	8	3	150.3/26	32.2	-1.1	36.8/1	26.2	0.4	24/17
Rampur	27.6540	84.3508	189	480.4	106.2	19	9	6	5	89.2/13	32.5	-1.1	35.5/1	-	-	-
Rara	29.5401	82.0818	2989	148.7	-	19	5	2	0	30.5/14	20.9	-	23.5/1	12.8	-	8.5/28
Salleri	27.5051	86.5862	2383	442.6	96.8	26	13	6	1	55.4/29	25.0	-	28.2/19	14.1	-	12.4/28
Salyan Bazar	28.3821	82.1423	1557	234.7	99.7	19	5	4	0	49.3/14	-	-	-	19.5	0.4	17.6/14
Semari	27.4682	83.7861	110	529.5	99.4	18	10	8	3	117/27	32.9	-2.2	36.5/1	25.9	0.9	21.5/26
Simara Airport	27.1642	84.9800	137	496.4	117.6	17	9	7	3	125.7/8	32.3	-0.8	36.4/1	25.7	0.1	23.5/29
Simikot	29.9715	81.8161	2993	146.2	-	18	6	0	0	21.7/14	21.4	-	25/1	13.3	-	10.6/29
Sindhuli Madhi	27.2281	85.9050	556	747.3	150.6	25	12	7	4	180.5/8	30.6	-0.5	35.5/1	23.7	0.7	-
Siraha	26.6561	86.2117	63	382.4	131.2	16	8	5	3	73.2/25	32.9	-	38/1	26.9	-	25.2/25
Surkhet Airport	28.5879	81.6352	683	670.5	164.6	18	12	8	7	117/8	31.1	0.0	34.6/18	23.7	0.3	22.2/28
Syangja	28.0988	83.8722	871	748.9	128.3	25	17	9	6	192.3/9	30.8	-0.3	34.6/19	23.2	1.2	21.7/14
Tamghas	28.0636	83.2435	1547	357.8	84.4	19	9	7	0	43.5/9	25.8	-0.5	29/1	19.1	0.5	17/14





**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			No. of days with maximum temp. > 30°C
						≥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	
Tansen	27.8637	83.5387	1183	287.2	82.0	20	9	4	1	63.4/26	27.8	-	32/1	21.6	2.0	19.5/14	11
Taplejung	27.3586	87.6700	1744	388.7	93.7	24	15	6	0	48.4/9	25.2	-0.4	28/17	18.0	0.1	16.4/14	0
Tarahara	26.6987	87.2786	120	392.8	106.5	23	12	6	2	62/8	33	0.12	36.5/1	26	0.21	18.6/9	28
Taulihawa	27.5711	83.0672	106	438.8	116.6	17	9	7	4	95.1/8	32	-0.9	35.6/1	27	0.82	25/23	25
Terhathum	27.123	87.5362	1525	208.2	115.7	19	9	1	0	45.3/14	26	-1.2	29.5/17	19	1.09	17.5/14	0
Thakmarpha	28.7409	83.6816	2655	98.3	159.1	12	4	0	0	22.9/13	22	-0.2	24.5/3	12	-0.41	9.5/28	0
Tikapur	28.5366	81.115	149	584.4	133.2	20	13	7	6	108.9/8	32	-0.6	36.4/19	25	-0.12	22.4/26	25
Udavapur Gadhi	26.913	86.5397	469	694.8	197.9	24	15	11	4	150.2/25	31	-0.1	36/1	24	0.1	22.4/14	17

*Note:*

- “mm” = millimeter; “hr” = hour; “temp” = temperature; “-” = Data Not Available.
- This summary is prepared based on the precipitation and temperature received at 109 meteorological stations during August, 2023. Out of 109 stations, 97 stations have normal precipitation data, 65 stations have normal maximum temperature data and 68 stations have normal minimum temperature data. Normal precipitation/temperature is the average of the monthly precipitation/temperature for period of 1991-2020.