



NCHM/NWFWC/FORECAST-1/2023-24/2

Warning on Heavy Rainfall and Flood

Date and time of issue: 11 July 2023, 10.30 AM

12- 13 July 2023

Cloudy weather with light to moderate rainfall is likely over the country, with heavy to very heavy rainfall over Southern and isolated places of Central parts of the country during next 2 days (12-13 July 2023)

Light rainfall over the country, with moderate rainfall over Southern and Central parts of the country is expected to continue till 19 July.

Owing to the continuous rainfall received during the past weeks, and the forecast of very heavy rainfall in the coming week, riverine floods, flash floods, localised landslides/mudslides, and possibilities of damage to vulnerable structures are likely over the Southern and isolated places of the country.

Relevant authorities and the public are advised to take necessary precautions.

<p>Salient synoptic features</p>	<p>The Westerly trough is passing over the country. The southwest monsoon is active in the region.</p>																																																																																																																																																																								
<p>Realised weather (4 July- 10 July)</p>	<p>Last week, the weather was partly cloudy to cloudy with light rain in most parts of the country with light to moderate rain in the South-Western and South-Eastern parts of the country. The highest rainfall recorded was 205.4 mm in Gelephu on 10 July 2023.</p> <div data-bbox="584 1207 1315 1648" data-label="Figure"> <p>24 hr accumulated rainfall (mm)</p> <table border="1"> <thead> <tr> <th>Date</th> <th>N: Gasa</th> <th>NE: Lhuntse</th> <th>NE: T/Yangtse</th> <th>C: Trongsa</th> <th>C: Bumthang</th> <th>W: Haa</th> <th>W: Paro</th> <th>W: Thimphu</th> <th>W: Punakha</th> <th>W: W/Phodrang</th> <th>SW: Samtse</th> <th>SW: Pling</th> <th>SW: Dagana</th> <th>SW: Gelephu</th> <th>SW: Tsirang</th> <th>SE: Zhemgang</th> <th>SE: P/Gatshel</th> <th>SE: S/Jongkhar</th> <th>SE: Mongar</th> <th>SE: Tashigang</th> </tr> </thead> <tbody> <tr> <td>4 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>5 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>6 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>7 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>8 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>9 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>10 Jul 2023</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>205.4</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> </div> <p>Maximum temperature across the country started to increase from 3 July, whereas minimum temperature has remained mostly constant. The highest temperature observed was 35.0°C for Gelephu on 5 July, while the lowest temperature was 11.5 °C in Gasa on 6 July 2023.</p>	Date	N: Gasa	NE: Lhuntse	NE: T/Yangtse	C: Trongsa	C: Bumthang	W: Haa	W: Paro	W: Thimphu	W: Punakha	W: W/Phodrang	SW: Samtse	SW: Pling	SW: Dagana	SW: Gelephu	SW: Tsirang	SE: Zhemgang	SE: P/Gatshel	SE: S/Jongkhar	SE: Mongar	SE: Tashigang	4 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10 Jul 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	205.4	0	0	0	0	0	0
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Updates will be issued if there are significant changes in the forecast.

National Centre for Hydrology and Meteorology



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NATIONAL CENTRE FOR HYDROLOGY AND METEOROLOGY
THIMPHU: BHUTAN

“Centre of excellence in Hydrology, Meteorology and Cryosphere Science and Services”

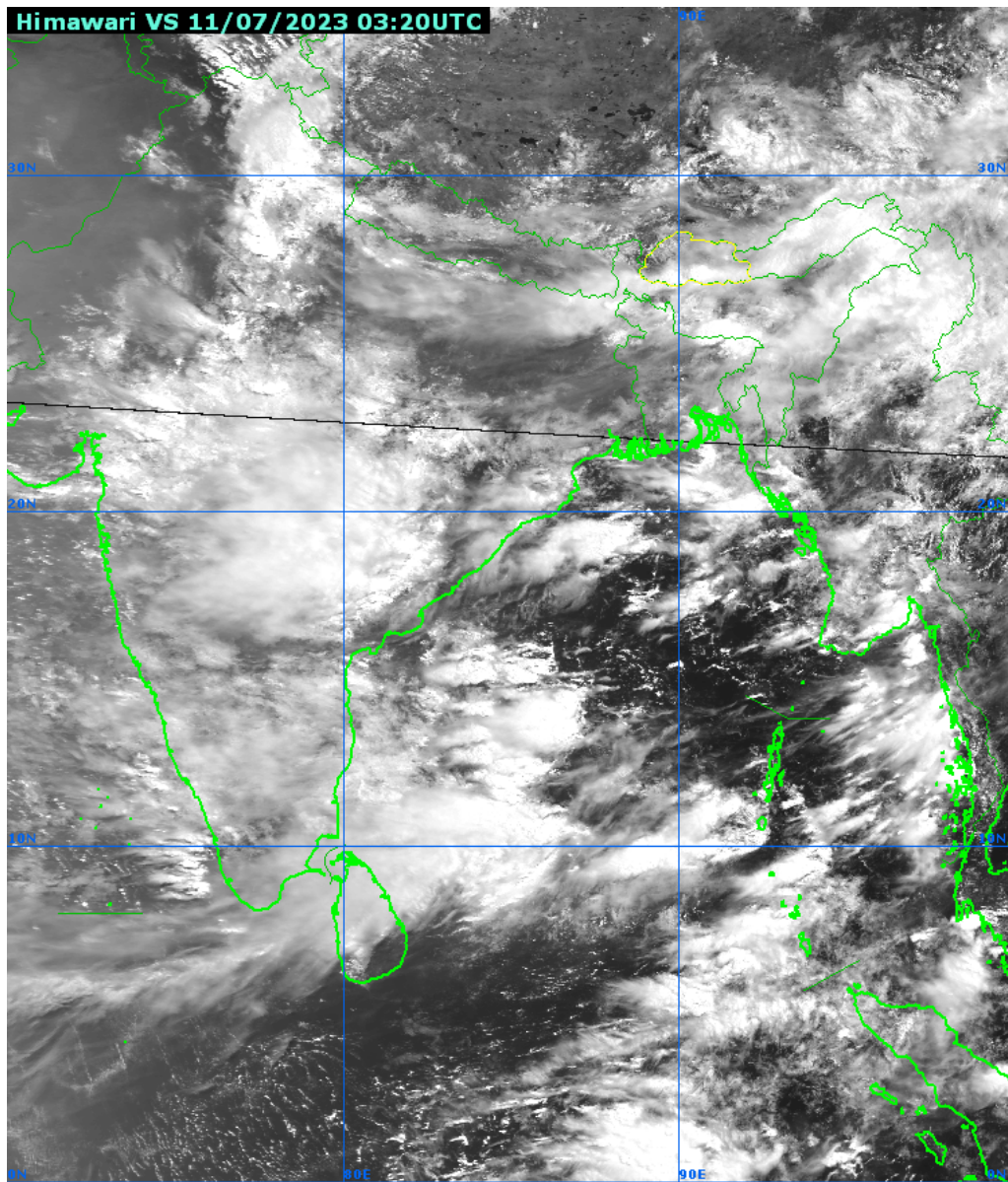


Figure: Himawari visible image updated on 9:20 am BST, 11 June 2023.