SUMMARY OF OBSERVATIONS RECORDED AT 08:30 HOURS IST ON DATE: 17.08.2024

Realized weather during last 24 hours: Light to moderate rainfall occurred at a few places in Uttarakhand. Heavy rainfall/thunderstorms occurred at isolated places. Monsoon activity remained weak.

CHIEF AMOUNT OF RAINFALL (>10 mm):


INTENSE SPELL OF RAINFALL (AWS)

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Station (District)</th>
<th>Total Rainfall recorded (mm)</th>
<th>Rainfall Intensity (mm/hour)</th>
<th>Time of occurrence (Between 08:30 IST of 16.08.2024 and 08:30 IST of 17.08.2024)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Sama (Bageshwar)</td>
<td>90.0</td>
<td>48.5</td>
<td>12:15-13:15</td>
</tr>
</tbody>
</table>

THUNDERSTORM: Pantnagar, Mussoorie, Jollygrant, Dehradun, Sama

GUSTY WIND (AWS/≥35 kmph): NIL

Temperatures: Maximum temperatures remained normal to appreciably above normal in plains and normal to above normal to abive normal in hills of Uttarakhand. Minimum temperatures remained normal to above normal in plains and hills of Uttarakhand. Highest maximum temperature 34.6°C was recorded at Mohkampur (Dehradun) and lowest minimum temperature 15.8°C was recorded at Mukteshwar (Nainital).

SYNOPTIC ANALYSIS:

- The Monsoon trough at mean sea level now passes through Bikaner, Vanasthali, Shivpuri, Sidhi, Ranchi and thence to the centre of low-pressure area over south Bangladesh & neighbourhood.
- The cyclonic circulation over northwest Rajasthan now lies over west Rajasthan & neighbourhood and extends upto 5.8 km above mean sea level tilting southwestwards with height.
- A trough runs from cyclonic circulation over west Rajasthan to westcentral Arabian sea at 3.1 km above mean sea level.
### OBSERVATIONS RECORDED AT 08:30 HRS IST ON DATE: 17.08.2024:

<table>
<thead>
<tr>
<th>Station</th>
<th>Temperature (in °C)</th>
<th>Humidity (%)</th>
<th>Rainfall (in mm)</th>
<th>Departure from Normal</th>
<th>Change</th>
<th>Departure from Normal</th>
<th>Change</th>
<th>Seasonal Total From 01/06/2024</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Maximum</td>
<td>Minimum</td>
<td></td>
<td>08:30 Hrs</td>
<td></td>
<td>Past 24 Hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Past 24 Hrs</td>
<td>Past 24 Hrs</td>
<td>Departure</td>
<td>Past 24 Hrs</td>
<td></td>
<td>Past 24 Hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Change</td>
<td></td>
<td>from Normal</td>
<td>Change</td>
<td></td>
<td>from Normal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dehradun</td>
<td>34.6</td>
<td>2</td>
<td>5</td>
<td>25.2</td>
<td>1</td>
<td>2</td>
<td>74</td>
<td>22.1</td>
</tr>
<tr>
<td>Pantnagar</td>
<td>33.5</td>
<td>-1</td>
<td>1</td>
<td>26.5</td>
<td>-1</td>
<td>2</td>
<td>80</td>
<td>3.8</td>
</tr>
<tr>
<td>Mukteshwar</td>
<td>23.4</td>
<td>1</td>
<td>3</td>
<td>15.8</td>
<td>0</td>
<td>2</td>
<td>74</td>
<td>0.0</td>
</tr>
<tr>
<td>New Tehri</td>
<td>26.6</td>
<td>1</td>
<td>1</td>
<td>18.2</td>
<td>-1</td>
<td>0</td>
<td>80</td>
<td>0.0</td>
</tr>
</tbody>
</table>

### DAMAGE AND MEDIA REPORTS: NIL

### DATE & TIME OF ISSUE: 17th AUGUST, 2024 at 13:00 HRS IST

sd/-

(BIKRAM SINGH)

HEAD/SCIENTIST- ‘F’

METEOROLOGICAL CENTRE
PAST 24 HOURS RAINFALL DISTRIBUTION ON 17.08.2024 OF AWS/DRMS

Rainfall in mm

- **Observed rainfall**
  - Very Light/Dry (0 to 2.4)
  - Light (2.5 to 15.5)
  - Moderate (15.6 to 64.4)
  - Heavy (64.5 to 115.5)
  - Very heavy (115.6 to 204.4)
  - Extremely heavy (> 204.4)