### Meteorological Data for September 2022, PAU Ludhiana

**Station:** Punjab Agricultural University, Ludhiana  
**Latitude:** 30° 54' N  **Longitude:** 75° 48' E  
**(For Research Purpose Only)**

**Height above mean sea level:** 247 meters  
**Hours of observation:** Morning (M) 0730 hours IST  
**Evening (E) 1430 hours IST**

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<thead>
<tr>
<th>Date</th>
<th>Max Rainfall</th>
<th>Mean Rainfall</th>
<th>Min Rainfall</th>
<th>Max Wind Speed</th>
<th>Mean Wind Speed</th>
<th>Min Wind Speed</th>
<th>Max Soil Temperature</th>
<th>Mean Soil Temperature</th>
<th>Min Soil Temperature</th>
<th>Weather Remarks</th>
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<tbody>
<tr>
<td>1</td>
<td>107.3</td>
<td>54</td>
<td>0</td>
<td>22.7</td>
<td>19.1</td>
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<td>34.2</td>
<td>29.0</td>
<td>22.8</td>
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### Additional Data

- **Soil Temperature**: Mean 33.0°C, M.E 29.1°C
- **Relative Humidity**: Mean 54.0%, M.E 48.0%
- **Vapour Pressure**: Mean 0.95 kPa, M.E 0.87 kPa
- **Wind Speed**: Mean 17.8 km/h, M.E 16.0 km/h
- **Sunshine Duration**: Mean 4.4 hrs, M.E 3.6 hrs
- **Evaporation Rate**: Mean 4.2 mm, M.E 3.6 mm
- **Weather Remarks**: 0 = Fair Weather, 5 = Drizzling, 1 = Variable sky, 6 = Rain, 2 = mainly overcast, 3 = sand storm, 4 = Fog or Mist

### Key Observations

- **Total Rainfall during the month:** 190.1 mm
- **Departure of rainfall from normal:** (+83.9 mm)
- **Total evaporation from the month:** 107.3 mm
- **Total no. of rainy days during the month:** 7 day
- **Departure of rainy days from normal:**