



Daily Report by Climate Cell-DDMA

Weather Forecast- May 29, 2019

Atmospheric Variables	Tehsil:SADAR (Gorakhpur)- By AWS	District- Gorakhpur
Rainfall-24 hrs. (mm)	0	0
Chances of Rainfall (%)	0	0
Maximum Temperature (°C)	41	41
Minimum Temperature (°C)	28	26
Maximum Relative Humidity (%)	NA	69
Minimum Relative Humidity (%)	NA	17
Maximum Wind Speed (km/h)	NA	25
Dominant Wind Direction	NA	ENE

Atmospheric forecast for tomorrow: Clear sky with blazing sunshine in the afternoon

Peculiar observation:

- Yesterday's maximum temperature was 42.8°C & minimum temperature was 21.5°C with the maximum & minimum relative humidity as 61 % & 16 % respectively.
- May 27, 2019 has been recorded as the hottest day of this season with maximum temperature as 42.8°C.
- Rainfall in an erratic manner is likely to occur between June 4, 2019 till June 10, 2019.
- Wind gust is likely to hit Gorakhpur with maximum speed ranging between 30 kmph to 44 kmph from May 30, 2019 till June 04, 2019.
- Heat wave conditions are likely to be considered in Gorakhpur for the duration between May 29, 2019 till June 02, 2019 as the actual maximum temperature is likely to cross the limit of 40 °C with maximum temperature as 42°C is likely to reach on April 28, 2019.

Precautionary measures for citizens of Gorakhpur: There are greater chances for formation of photochemical smog in summer as they require sizzling sunshine & dry climate for reaction of unsaturated hydrocarbon with nitrogen oxide leading to the formation of suspended particulate matter, which are highly dangerous to health.

- Minimize the exposure of children to open atmosphere when the atmosphere is exposed to peak traffic as the pollution during the same can adversely affect their health.
- People working in air conditioned environment & following a sedentary lifestyle should have intake of 2.5-3.0 liters of water per day, to avoid dehydration.
- For moderate workers/ salespersons/ officials working in open atmosphere or offices not equipped with A.C should have intake of 3.0-3.5 liters of water per day, to avoid dehydration.