



# Daily Report by Climate Cell-DDMA

## Weather Forecast- June 7, 2019

Atmospheric Variables	Tehsil:SADAR (Gorakhpur)- By AWS	District- Gorakhpur
Rainfall-24 hrs. (mm)	0	0
Chances of Rainfall (%)	0	0
Maximum Temperature (°C)	40	40
Minimum Temperature (°C)	29	28
Maximum Relative Humidity (%)	NA	72
Minimum Relative Humidity (%)	NA	38
Maximum Wind Speed (km/h)	NA	26
Dominant Wind Direction	NA	E

**Atmosphere of tomorrow:** Clear sky with sizzling sunshine & partly cloudiness in evening

### **Peculiar observation:**

- Yesterday's maximum temperature was 39°C & minimum temperature was 24°C with maximum & minimum relative humidity as 73% & 42% respectively.
- Trend of maximum temperature of June, 2019 is similar to May, 2019 but increasing relative humidity in June is increasing the real feel temperature than that of May, 2019.
- Rainfall is likely to happen in Gorakhpur in the end of second week of June 2019, nearly by June 12 or in third week of June, 2019 & this rainfall may continue to happen for the next 6-7 days in an erratic manner.
- Wind gust is likely to hit Gorakhpur with the maximum speed ranging between 25 kmph to 38 kmph from June 8, 2019 till June 14, 2019 & is expected to blow with nearby speed of 40 kmph between June 10, 2019-June 12, 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.
- 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 & persons following a sedentary lifestyle should have intake of 2.5-3.0 liters of water per day, to avoid dehydration
- Avoidance of exposure during peak period of heat (12:00 PM to 04:00 PM).