



Daily Report by Climate Cell-DDMA

Weather Forecast- June 11, 2019

Atmospheric Variables	Tehsil:SADAR (Gorakhpur)- By AWS	District- Gorakhpur
Rainfall-24 hrs. (mm)	0	0
Chances of Rainfall (%)	0	0
Maximum Temperature (°C)	42	42
Minimum Temperature (°C)	29	28
Maximum Relative Humidity (%)	NA	63
Minimum Relative Humidity (%)	NA	26
Maximum Wind Speed (km/h)	NA	27
Dominant Wind Direction	NA	E

Atmosphere of tomorrow: Hazy Sunshine for prolonged period of time

Peculiar observation:

- Heat wave conditions in Gorakhpur are persisting since June 9, 2019 & may continue to persist in Gorakhpur till June 16, 2019.
- The shattering fact recorded by Climate Cell on June 10, 2019 by 01:24 pm was that real feel temperature was observed to be 52°C. (Actual temperature & Relative humidity recorded at same instant was 40°C & 45% respectively)
- Yesterday's maximum temperature was 42°C & minimum temperature was 28.3°C with maximum & minimum relative humidity as 57% & 40% 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 which may cause dehydration & dizziness in the people following non-sedentary life style.
- Couple of shower is likely to happen on/near June 18, 2019 & may continue to happen for next few days in an erratic manner. Also wind gust during the end of second week & third week of June 2019 & is likely to reach the limit of 40 kmph on few cloudy or rainy days.

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).