



Daily Report by Climate Cell-DDMA

Weather Forecast- April 27, 2019

Atmospheric Variables	Tehsil:SADAR (Gorakhpur)- By AWS	District- Gorakhpur
Rainfall-24 hrs. (mm)	0	0
Chances of Rainfall (%)	0	0
Maximum Temperature (°C)	43	43
Minimum Temperature (°C)	27	26
Maximum Relative Humidity (%)	NA	49
Minimum Relative Humidity (%)	NA	19
Maximum Wind Speed (km/h)	NA	22
Dominant Wind Direction	NA	NNE

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

Peculiar observation for the next few days:

- Atmosphere may remain clear as there are no chances of rainfall to occur till May 3, 2019.
- Cyclone Fani is likely to hit Tamil Nadu & Puducherry for two days April 30, 2019 & May 1, 2019 as per Red alert issued by IMD & IMD had also issued an alert for heavy rainfall to happen in Kerala. NDMA had too issued the warning for Heavy to very heavy in southern states as well as heavy rainfall is likely to occur in Northeastern states, Sub-himalayas & West Bengal.
- Cyclone Fani may not adversely impact the Gorakhpur but due to low pressure created in south east bay of Bengal, strong winds ranging between 20-50 kmph is likely to hit Gorakhpur in the first week of May, 2019 & .
- Heat wave conditions are likely to be considered in Gorakhpur for the duration between April 25, 2019 till May 5, 2019 as temperature during those day is likely persist in the range of 42 °C to 27 °C & actual maximum temperature is likely to reach or cross the limit of 43 °C on May 02, 2019 & May 03, 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.