



Daily Report by Climate Cell-DDMA

Weather Forecast – April 17, 2019

Atmospheric Variables	Tehsil:SADAR (Gorakhpur)- By AWS	District- Gorakhpur
Rainfall-24 hrs. (mm)	0.8	2
Chances of Rainfall (%)	81	91
Maximum Temperature (°C)	36	37
Minimum Temperature (°C)	26	23
Maximum Relative Humidity (%)	NA	81
Minimum Relative Humidity (%)	NA	45
Maximum Wind Speed (km/h)	NA	26
Dominant Wind Direction	NA	SW

Atmospheric forecast for tomorrow: Partly cloudy sky with chances of rainfall & thunderstorm in the morning of April 17, 2019.

Inference from past observation:

- April 13, 2019 has been recorded with the highest maximum temperature of 40°C, when compared with the last 4 years data of April 13, 2019. Also, temperature of April 13, 2019 is the highest maximum temperature recorded for this year.
- Gorakhpur's atmospheric rainfall is being continuously recorded with comparatively lesser values for the month of April, when compared with the last 4 years data.

Year	Rainfall in the month of April (mm)
2013	35.9
2014	0
2015	16.8
2016	0
2017	2.4
2018	41.3
2019	4.5 mm till now by April 12, 2019

Peculiar observation for the next few days:

- **Rainfall & thunderstorm is expected to occur in the morning of April 17, 2019**
- **Farmers of Gorakhpur should do the critical analysis of their field followed by adoption of preventive measures to save their crops from rainfall which is likely to occur on April 16, 2019. If they have already harvested the crops then they should make sure to cover their crops with canvas.**

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 2.0-2.5 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.**