



2309 I-Cross Mahantesh Nagar, BELGAUM -16

e-mail : beecube81@gmail.com

: 9024 28248 Reg :5624 93

GREEN AUDIT

This is to certify that, *our Audit Team* has visited JSS College Gokak -591 307, on 24th March 2022 and undertook the Environment Audit work of college campus .

JSS College Gokak is located in Gokak Municipal limits. (in taluka head quarter of GOKAK). **GOKAK FALLS, known as mini Niagara falls of India (ASIEA's First hydroelectric power generation established in 1887 AD) .** It seems to be free from industrial harmful gas effluents.

Most of the significant plants in the campus are indentified(nomenclatured).

The list is enclosed,

It is observed that there are lot medicinal trees in the college campus. (nomenclatured)

There are about thirty oxygen oozing plants(Special variety) in the campus.(nomenclatured)

There are lot many ornamental plantsin the campus (few nomenclatured)

Rare plants are few in number in the campus .(nomenclatured)

There are a lot many sacred plants (nomenclatured)

"My college My plant" an innovative program to nurish the plants has been popularized. Staff and students have taken some plantsto nourish at their own cost.

The campus is lush green and most suitable Academic developments.


Technical staff

Place :GOKAK
Date :24th May 2022




Convener
GREEN Audit Team



ENVIRONMENT AUDIT REPORT

This is to certify that, *our Audit Team* has visited JSS College Gokak -591 307 on 24th May 2022 and undertook the Environment Audit work of college campus.


JSS College Gokak is located in Gokak Municipal limits. (in taluka head quarter of GOKAK). GOKAK FALLS, popularly known as mini Niagara falls in India (ASIEA's First Hydroelectric Power Generation station established in 1887 AD). The city to be free from industrial harmful gas effluents.

AIRVEDACamera Techniques Beta Attenuation Method (BAM) has been employed to check the air quality parameters in terms of Air Quality Index (AQI) and audible intensity measured by standard sensors of sound, in decibel Bell (dB).

The details of Geographical, Environmental and Weather parameters of GOAK are as follows.

1. Altitude from sea level is 570 mt. (1870 ft)
2. Latitude is 16.1592 N.
3. Longitude is 74.1856 E.
4. Weather Zone (Koppen Gieger Weather Chart.) :Aw-BS_h, a sand witch belt zone
5. Average Temperature : 28.10 Celsius.
6. Average rainfall :210 mm.
7. Average Humidity : 41% to 52% as per AIR VEDA techniques
8. GOKAK : It is a semi industrial town..
9. RPM: 3.57 to 10 μgm^{-3} (605 μgm^{-3} as per MoEF standards.)
10. SPM: 5.36 to 40 μgm^{-3} (100 μgm^{-3} as per MoEF standards)
11. NO_x level : 3.12 to 6..04 μgm^{-3} (80 μgm^{-3} as per MoEF standards.)
12. SO_x level : 1.3 to 3.20 μgm^{-3} (50 μgm^{-3} as per MoEF standards.)
13. Ozone (O₃) level : 10.45 to 23.46 μgm^{-3} (100 μgm^{-3} as per MoEF standards.)
14. Carbon monoxide (CO) level: 10.36 to 15 μgm^{-3} (25 μgm^{-3} as per MoEF standards.)
15. The pollution levels are within the safe range (as per MoEF standard)
16. Visibility clear up to 7 to 9 km
17. AQI level : 42 (safe as MoEF per standards)
18. Water quality is tested. Report enclosed in separate sheet
19. dB level is around 40 to 55 better range (as per the BIS audible standards).
20. The illumination level are all better (as per BIS mark 3646 part I.)
21. Measure EM radiation on the inspection day <42 μT (safe as per the BIS standards).
22. Max Hottest day 4th May 2022, 12.27 PM +5.30 GMT
23. Max Humid day 8th Aug 2022,12.37 PM + 5.30 GMT
24. Distance from Equator 1794.76 km
25. Distance from tropic Cancer 806.68 km

All Environmental related charts and their importance are submitted to the college.


Technical staff


Convener
Environment Audit Team

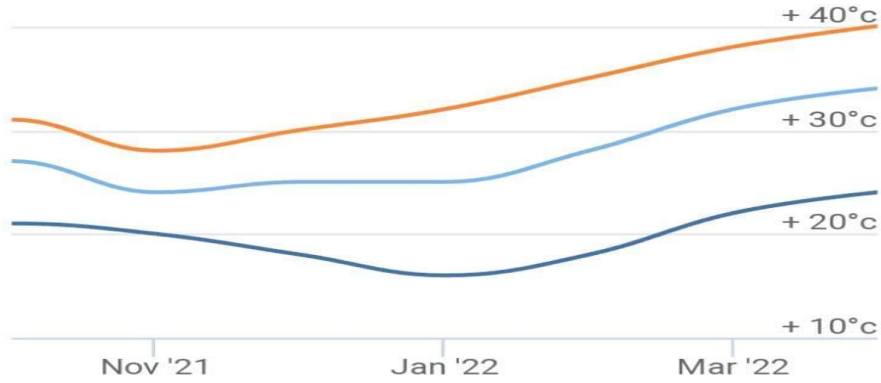
Place :Gokak
Date :24th May 2022



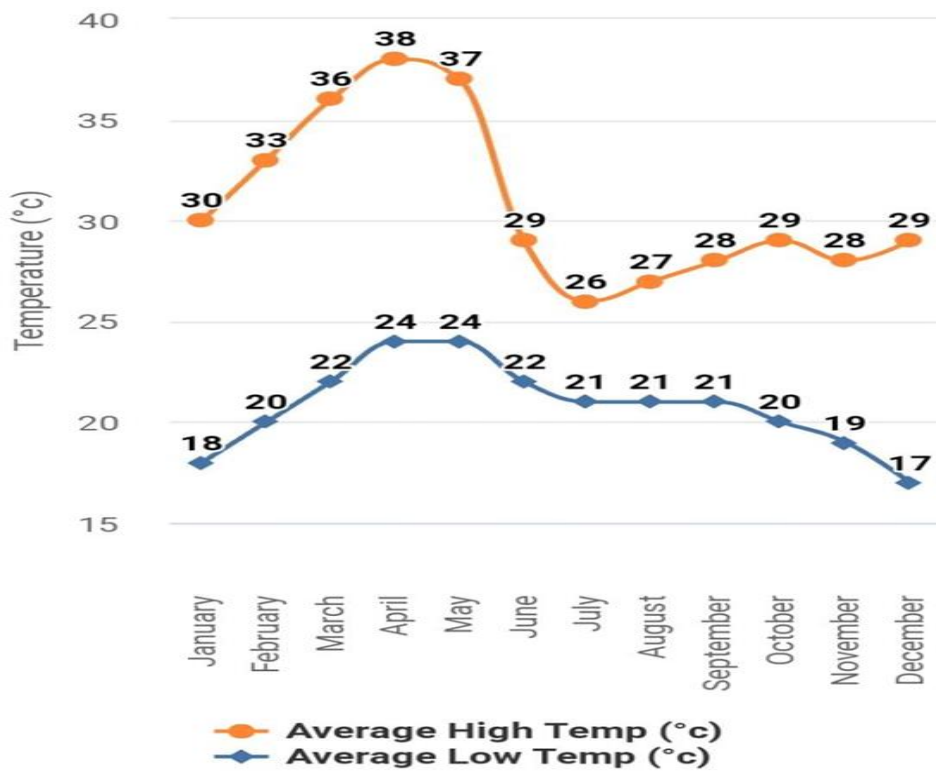
Gokak Max, Min and Average Temperature (°c)



Zoom 1m 3m **6m** YTD 1y All

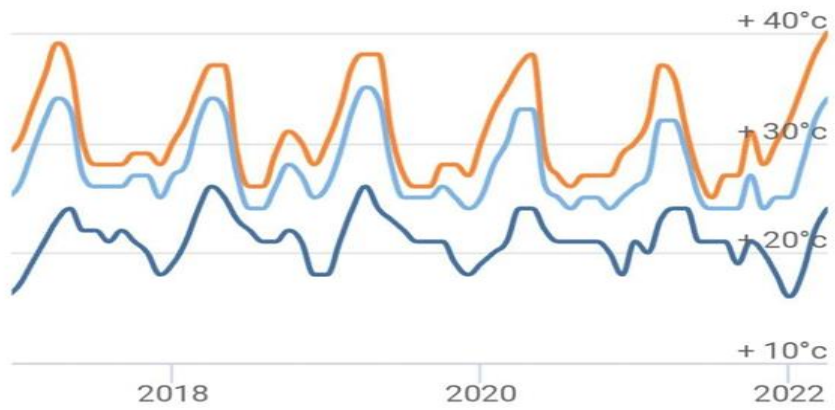


Average Temperature (°c) Graph for Gokak



Gokak Max, Min and Average Temperature (°c)

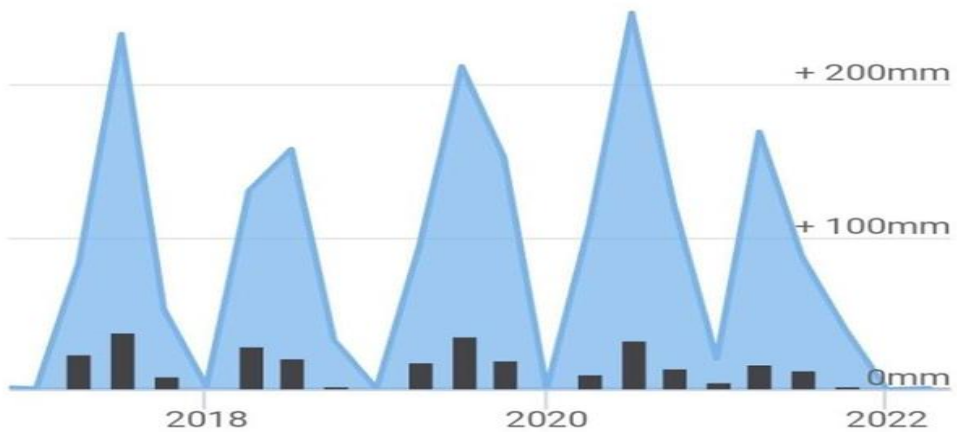
Zoom 1m 3m 6m YTD 1y All



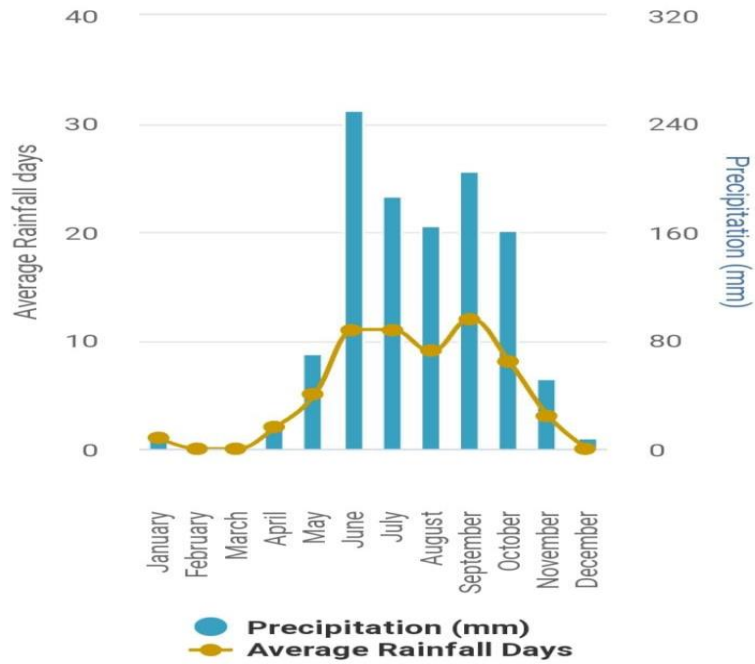
Gokak Average Rainfall Amount (mm) and Rainy Days



Zoom 1m 3m 6m YTD 1y All



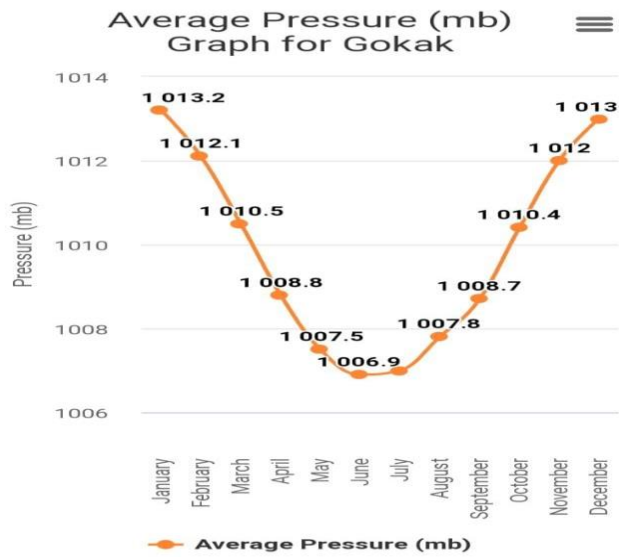
Average Rainfall (mm Graph for Gokak)



The environmental parameters of Gokak is listed below:

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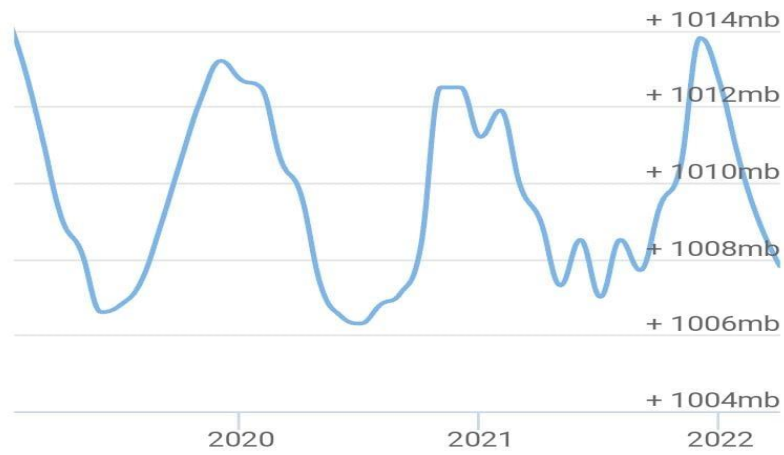
Monthly Average Pressure



Gokak Average Pressure (mb)



Zoom **1m** 3m 6m YTD 1y All

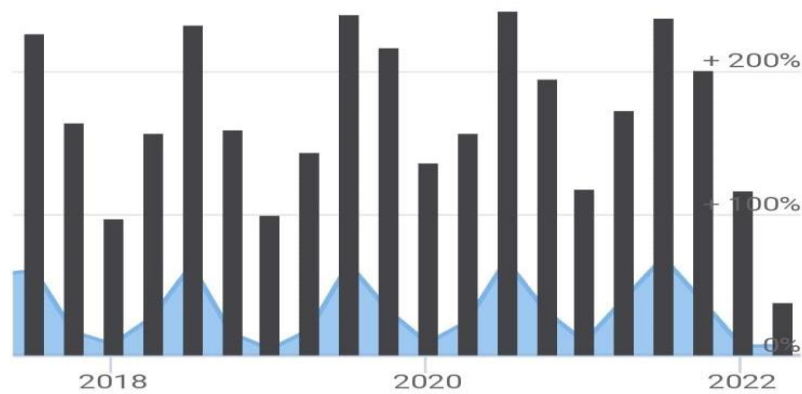


Cloud and Humidity

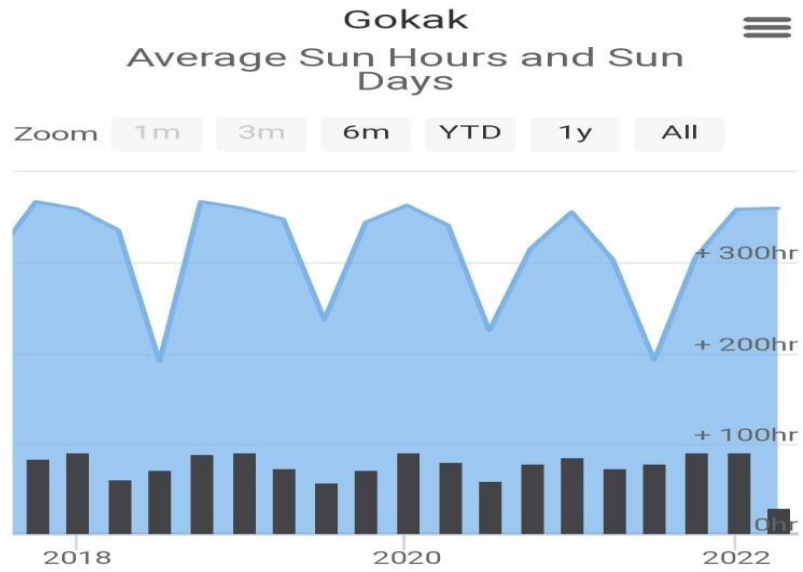
Gokak Average Cloud and Humidity (%)



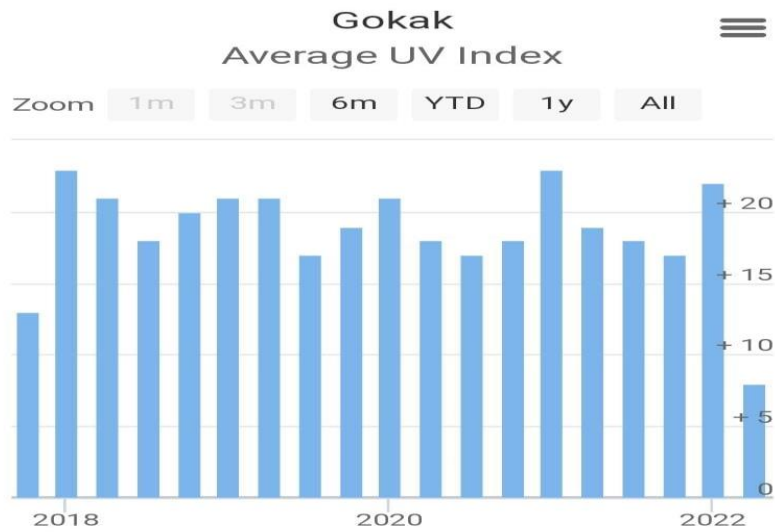
Zoom **1m** 3m 6m YTD 1y All



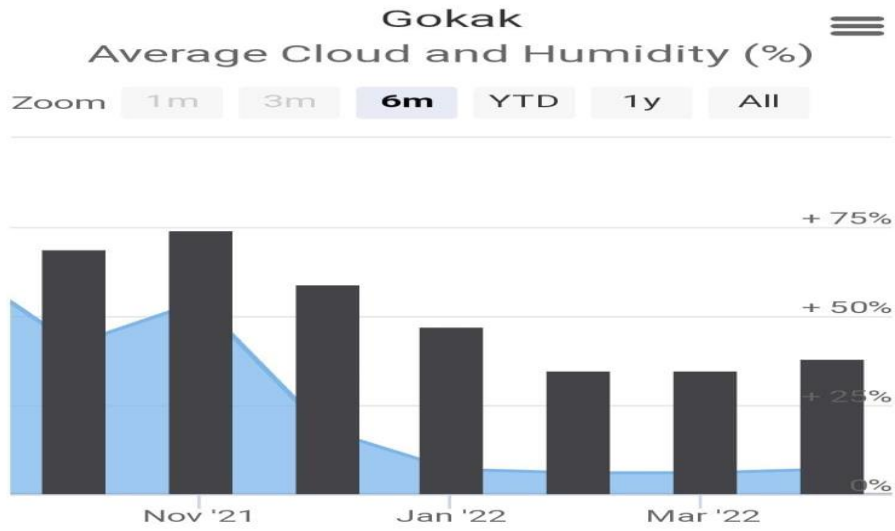
Sun Hours and Sun Days



UV Index



Cloud and Humidity

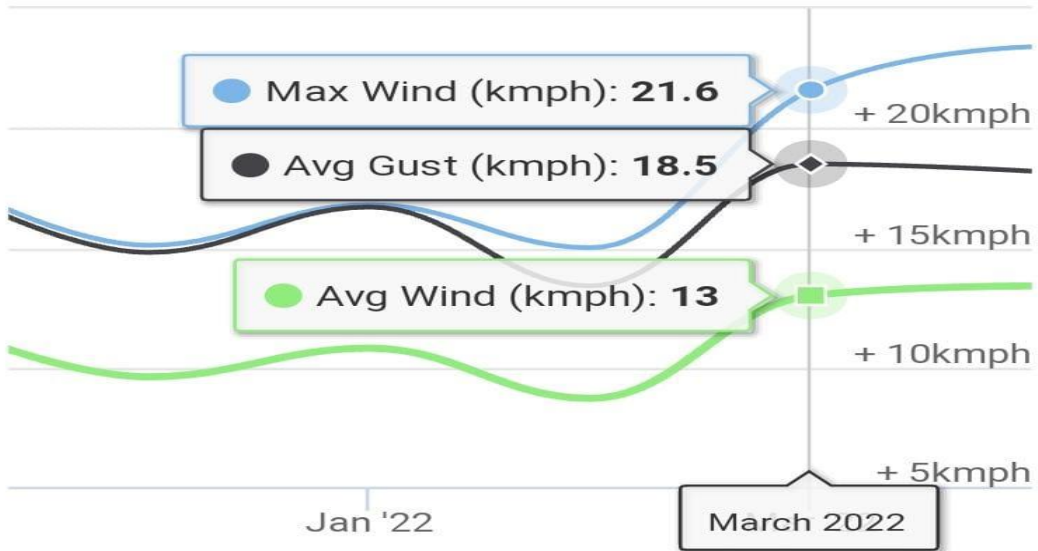


Gokak

Average and Max Wind Speed and Gust (kmph)



Zoom 1m 3m 6m YTD 1y All

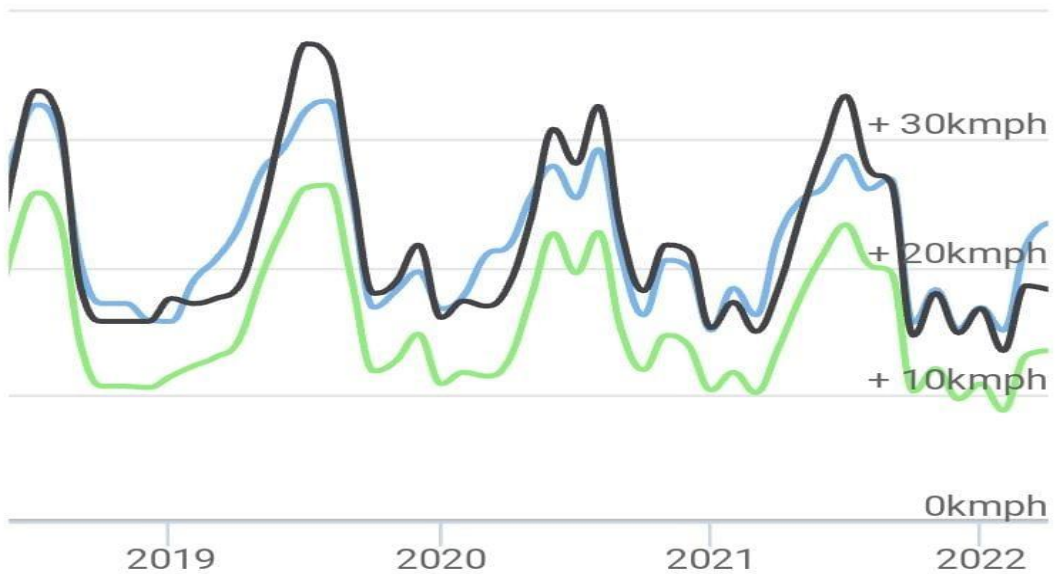


Gokak

Average and Max Wind Speed and Gust (kmph)



Zoom 1m 3m 6m YTD 1y All

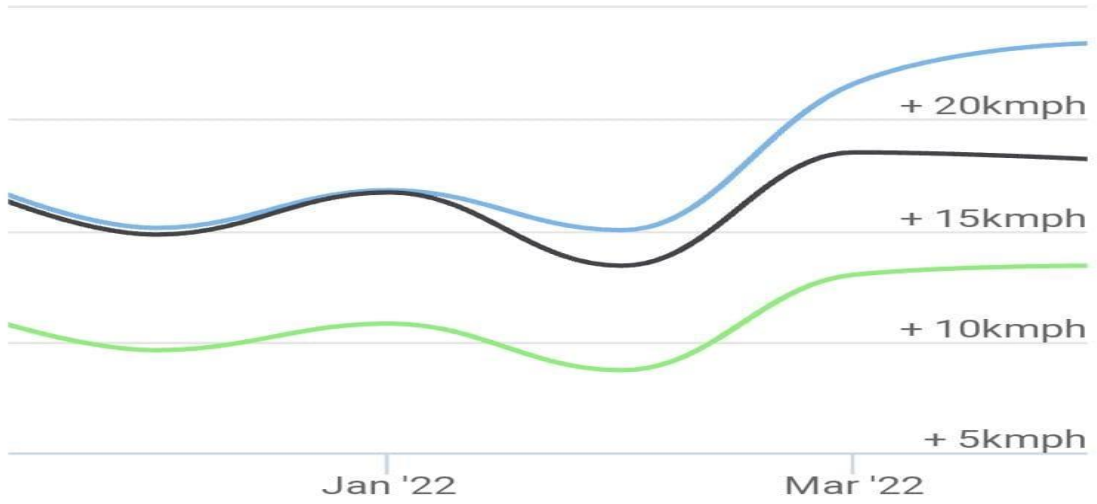


Gokak

Average and Max Wind Speed and Gust (kmph)



Zoom 1m 3m 6m YTD 1y All

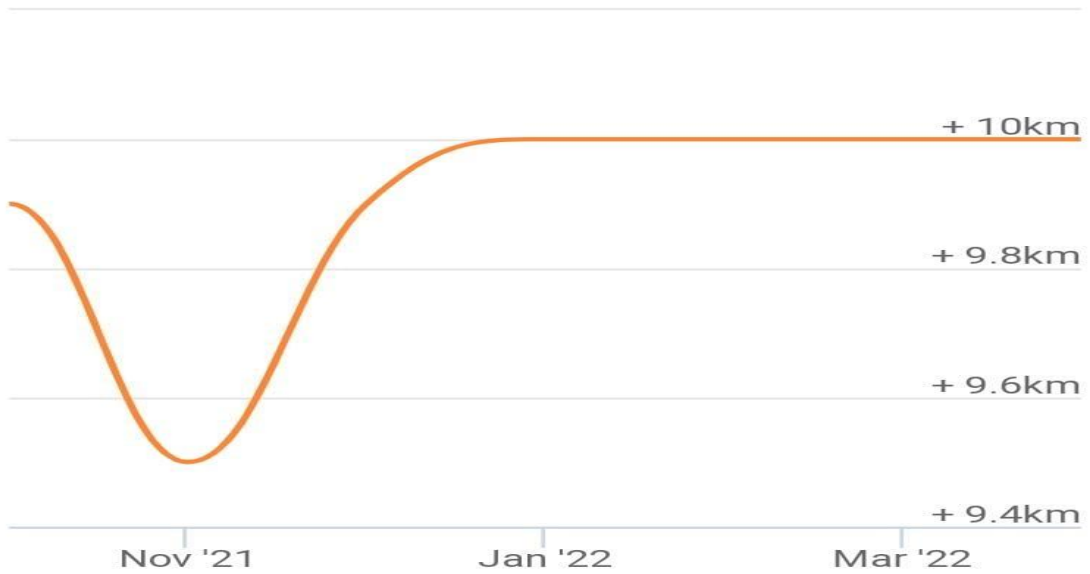


Gokak

Average Visibility (km)

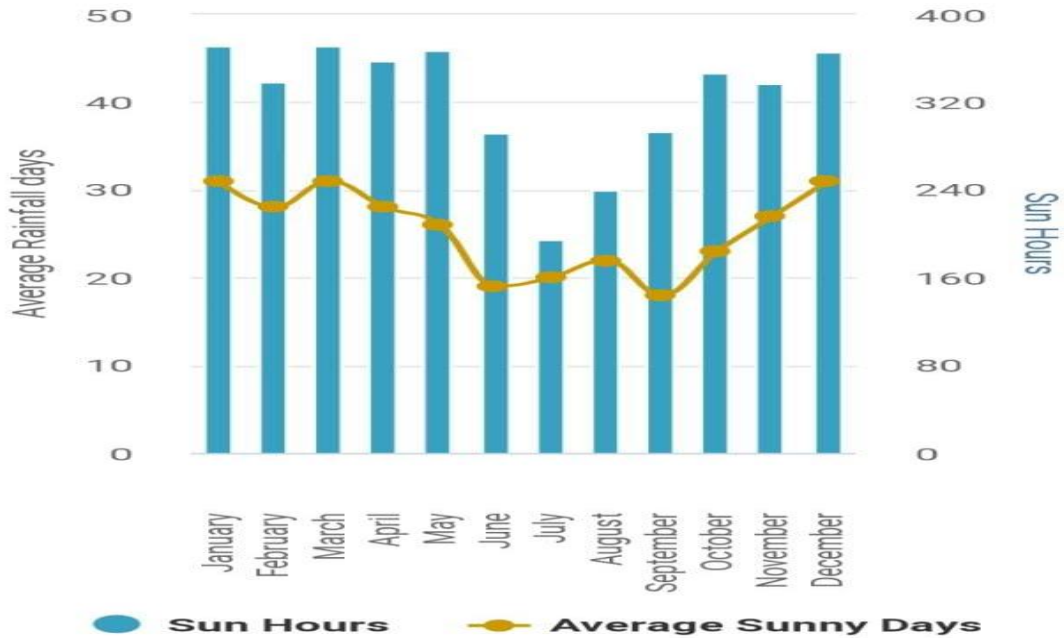


Zoom 1m 3m 6m YTD 1y All



Monthly Average Sun Hours and Days

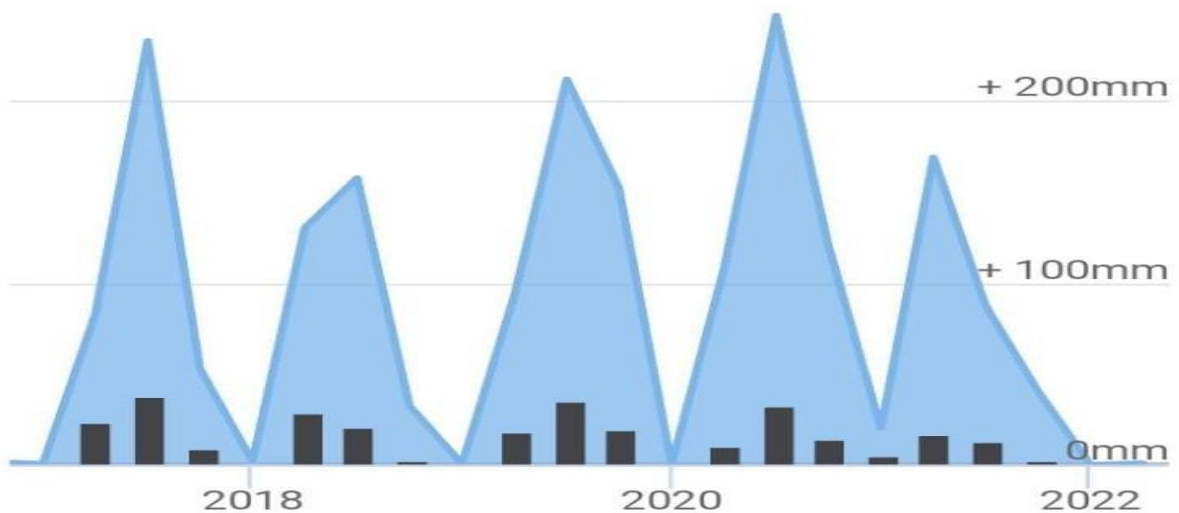
Average Sun Hours (Graph for Gokak)



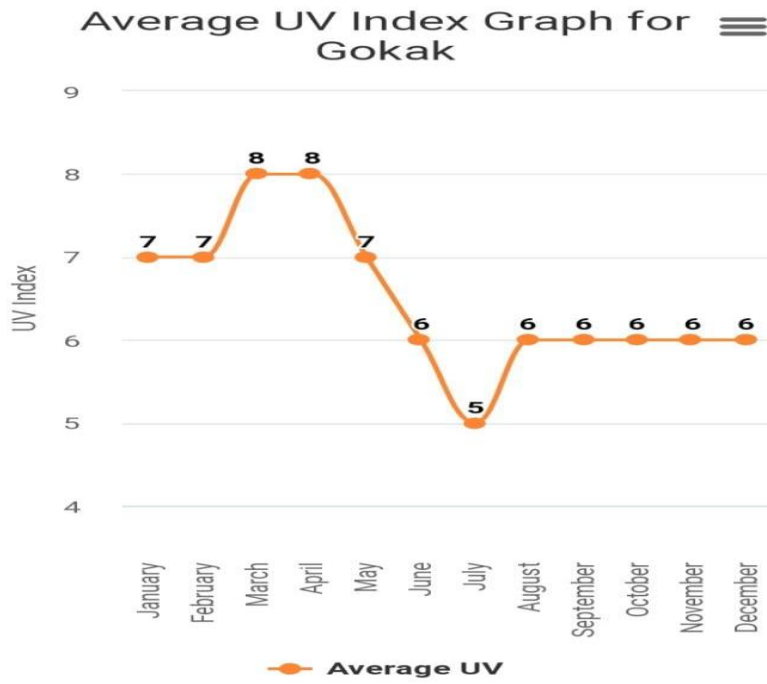
Gokak

Average Rainfall Amount (mm) and Rainy Days

Zoom 1m 3m 6m YTD 1y All



Monthly Average UV



Gokak Average Visibility (km)

