Global ECO TECH
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ENVIRONMENT AUDIT REPORT

This is to certify that, *Our Audit Team* has visited BAJSS Arts & Commerce College For Women, **Ranebennur** Dist : Haveri **581_115**, on 12th Jan 2023 and undertook the "***Environment Audit***" of college campus.

The college is located in Ranebennur City Corporation limits. The population of Ranebennur is 1,06,406 as per 2011 census. Ranebennur is absolutely business centre, The whole taluka is known for ***seed production*** of highest quality in Asia. It is also known very good quality best cotton cultivation in Karnataka. This is mainly because of temperature and soil fertility. The taluka is known for rich **flora** (acacia and catechu) and **fauna** (Black buck and Great Indian bustard). It seems to be that, the city is free from industrial harmful- gas effluents.

AIRVEDA Camera 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 Ranebennur Dist: Haveri are follows.

GEOGRAPHICAL PARAMETERS

1. Altitude from sea level : 583 m. (1851 ft)
2. Latitude: 14.619457 N.
3. Longitude: 75.634245 E.
4. Geographical location: Krishna main basin (Tungabhadra sub basin)
5. Weather Chart of Ranebennur (Ref: *Koppen Gieger Weather Chart.*) : BSh
6. Topo sheet : enclosed
7. Perennial water flow direction : N-W to S-E
8. Ranebennur : Mainly a Business Center.

PHYSICAL PARAMETERS

9. Average Temperature : 20 to 36 Celsius.
10. UV Index : 6 to 8 normal
11. Average rainfall : 100 - 406 mm.
12. Rainy peak month : August-September
13. Average Humidity : 30 % to 60%
14. Least humid period : March to May
15. Clear Visibility : up to 7 to 10 km
16. Gust and wind velocity 20 to 32 km / h
17. Average pressure : 1004 to 1012 mb
18. Snow fall : Nil

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SUSTANABLE POLLUTION LEVELS

19. **AQI level :**	**81**	**Good**		
20. **RPM :**	35	48.06 µg m^{-3}	Good	(Very safe as MoEF per standards)
21. **SPM:**	81	32.31µgm^{-3}	Good	(605 µgm^{-3} as per MoEF standards.)
22. **NO_x** level :	05	09.59 µg m^{-3}	Good	(100 µgm^{-3} as per MoEF standards)
23. **SO_x** level :	06	11.40 µgm^{-3}	Good	(80 µgm^{-3} as per MoEF standards.)
24. **O_3** level :	30	55.04 µg m^{-3}	Good	(50µgm^{-3} as per MoEF standards.)
25. **CO** level:	2.00	348.5µg m^{-3}	Good	(100µgm^{-3} as per MoEF standards.)
26. The pollution levels :		Well within safe range		(250µg m^{-3} as per MoEF standards.)
27. dB level: around 40 to 55		Better range .		(as per MoEF standard)
28. The illumination level :		Better range		(as per the BIS audible standards).
				(as per BIS mark 3646 part I.)

TYPE OF SOIL, PH, QUALITY OF WATER AND GREENARY

29. **Type of soil** :Red loamy mix with lateritic soil with PH of soil : 6.5 to 7.8
30. **Water quality** : corporation Water RO and UV filter (Report is enclosed in separate sheet)
31. Greenery in the campus : Appreciable

MISCELLANEOUS

32. Max Hottest day 29th May every year, 12.35 PM +5.30 GMT
33. Max Humid day 13th Aug every year ,12.33 PM + 5.30 GMT
34. Distance from Equator : 1622.45 km
35. Distance from Tropic Cancer 978.98.41 km
36. Electromagnetic Radiation < 40µT (safe as per the BIS standards).

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

Technical staff

Convener
Environment Audit Team

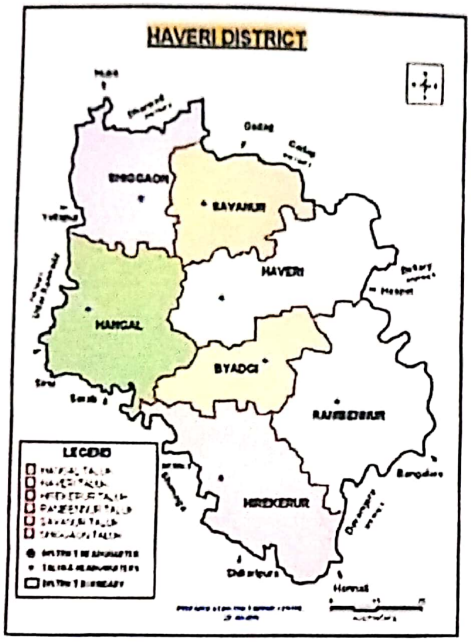
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Place :Ranebennur

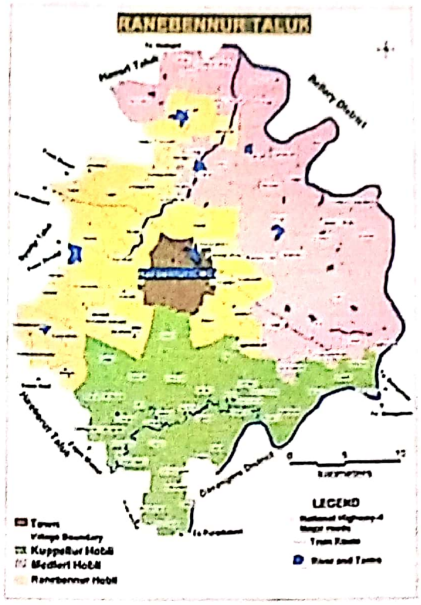
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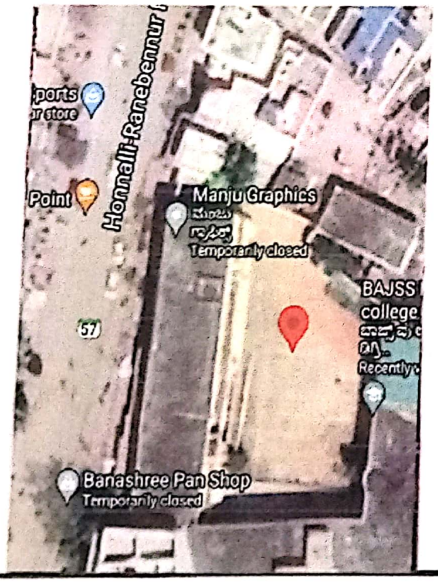
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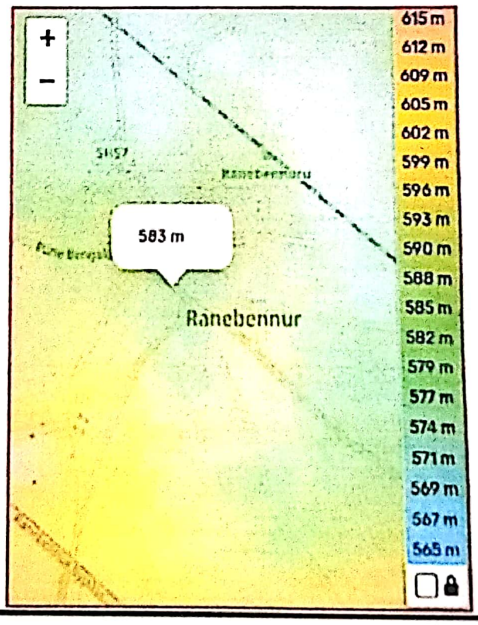
Dist Haveri





14.619457,75.634245



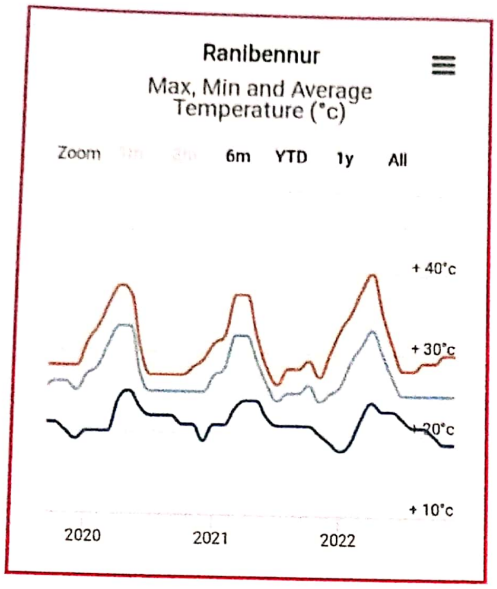


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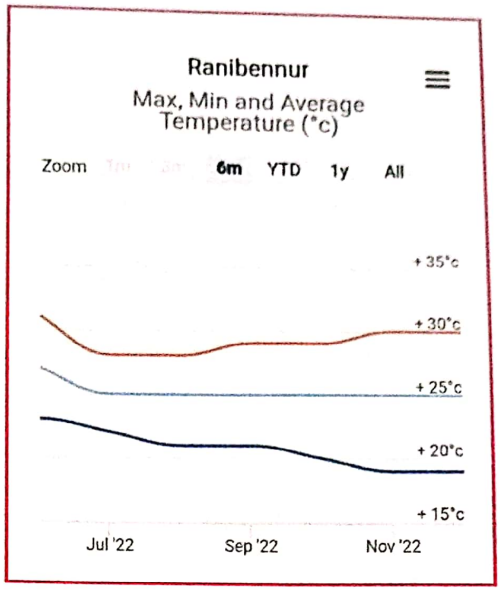
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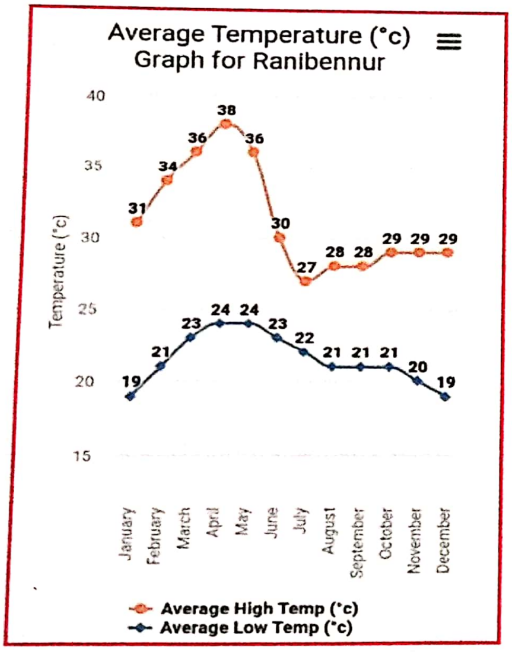
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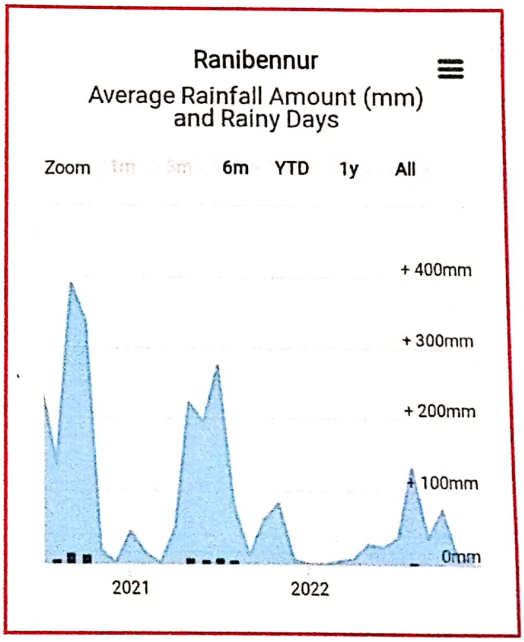
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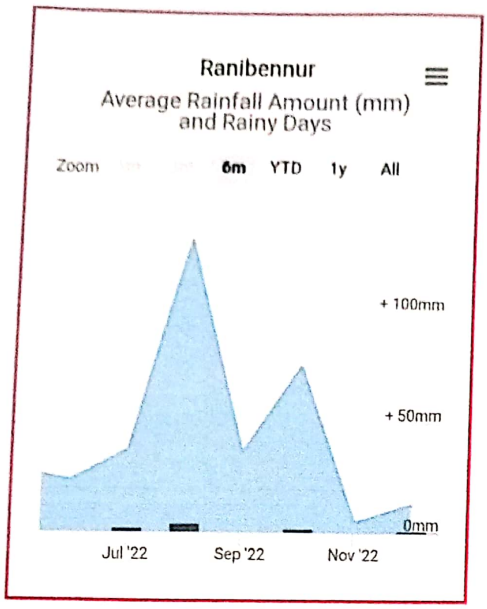
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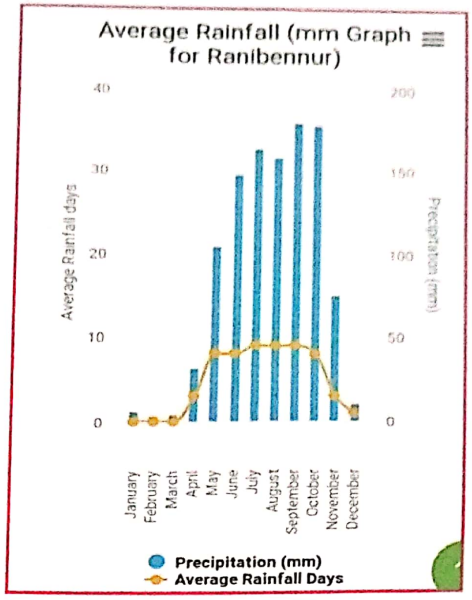
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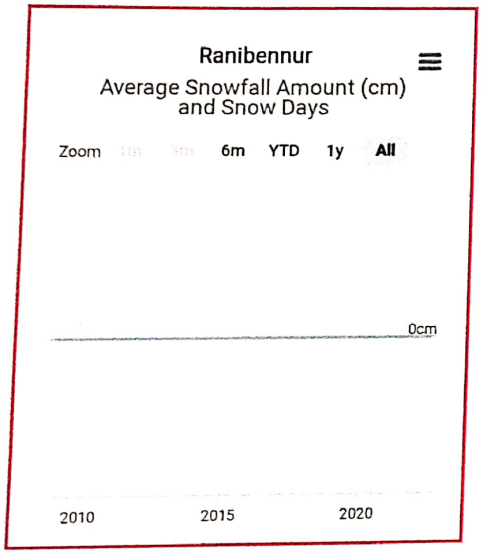
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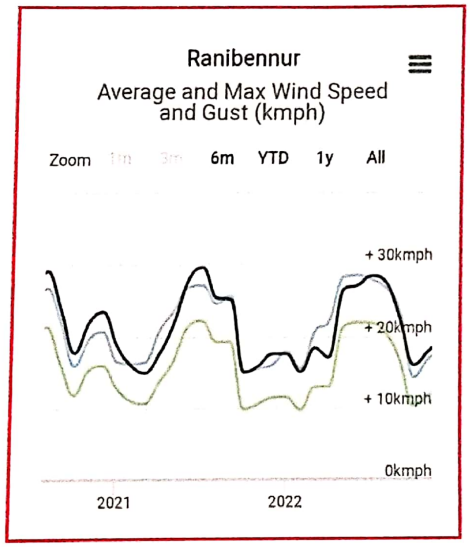
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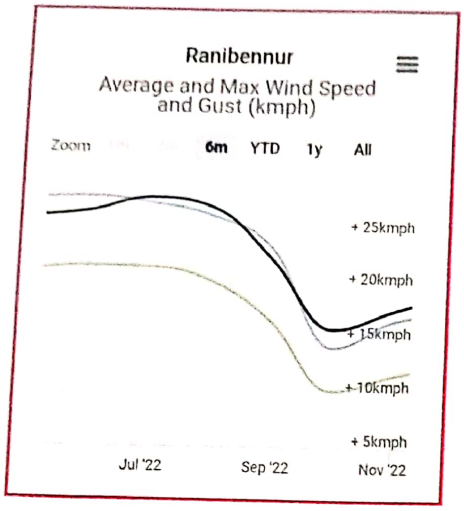
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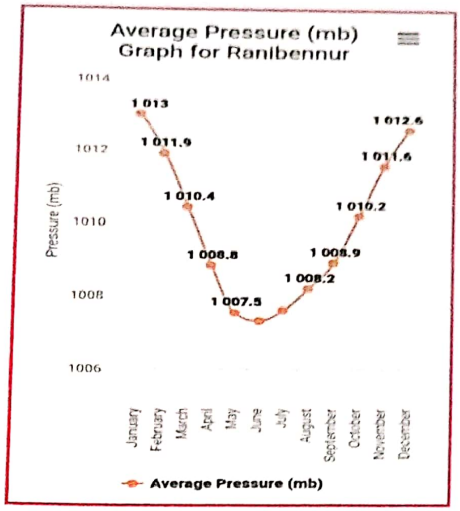
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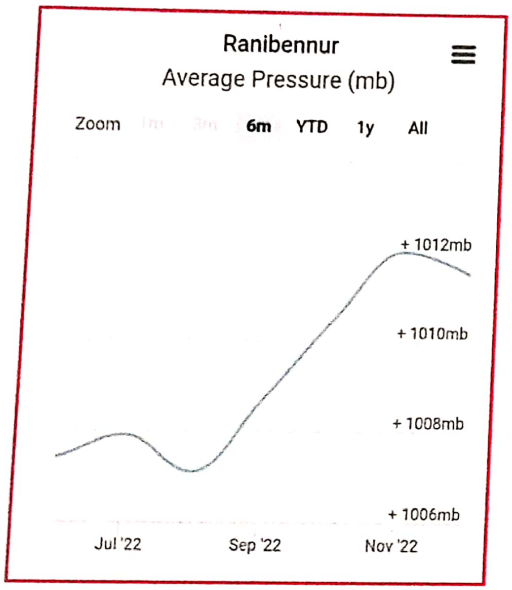
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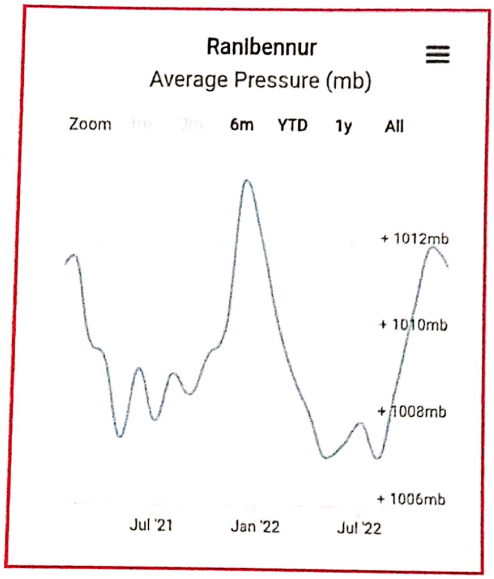
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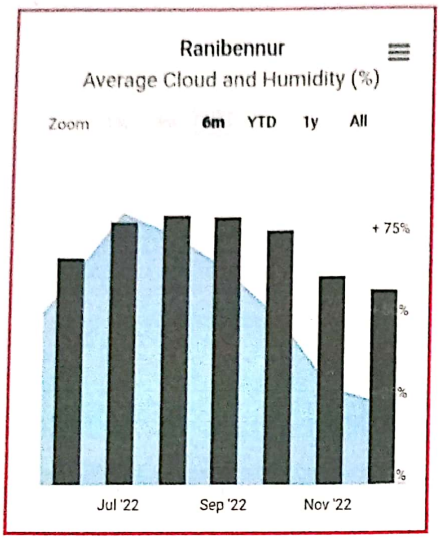
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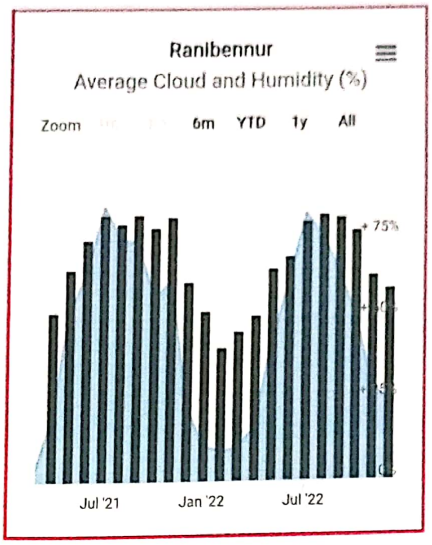


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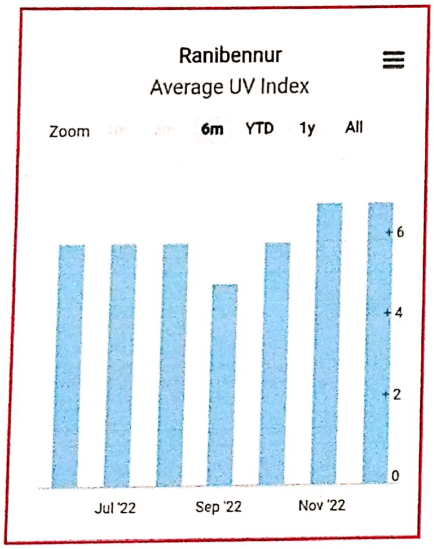
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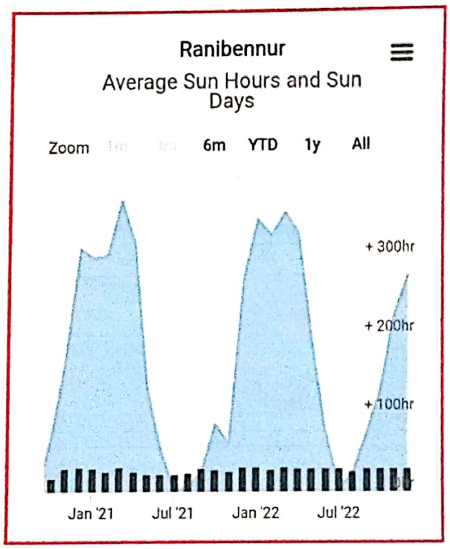
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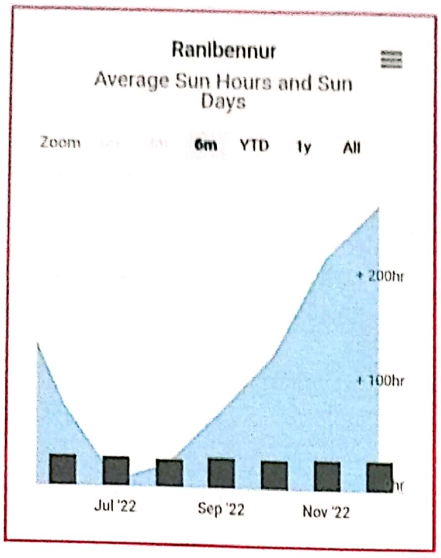
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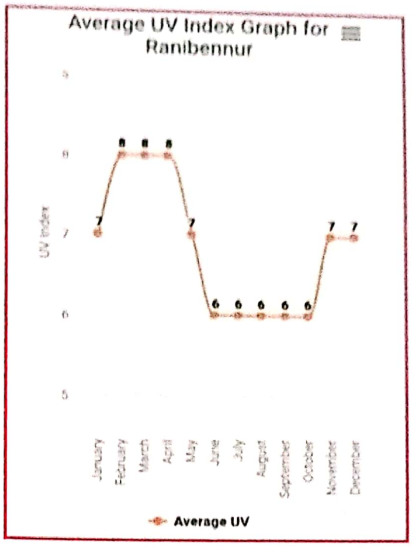
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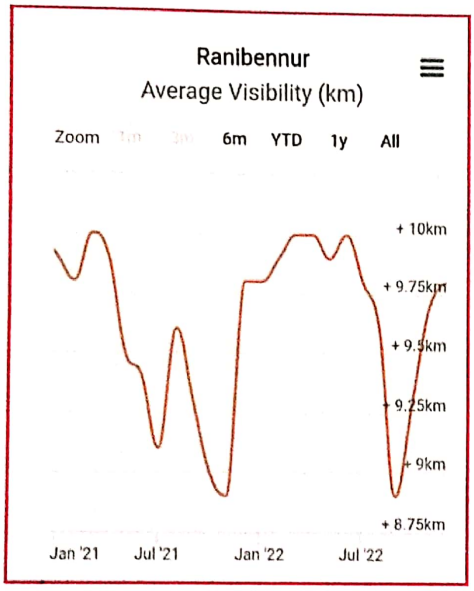
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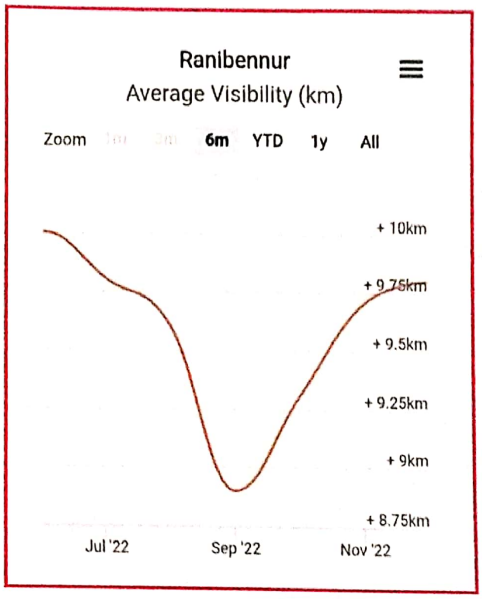
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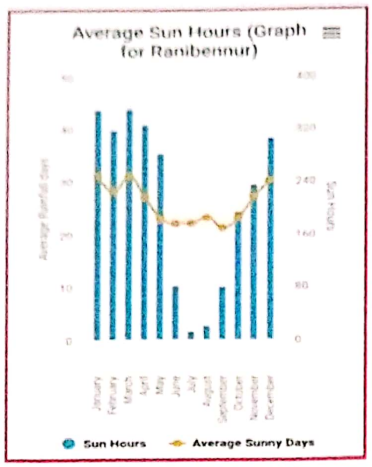
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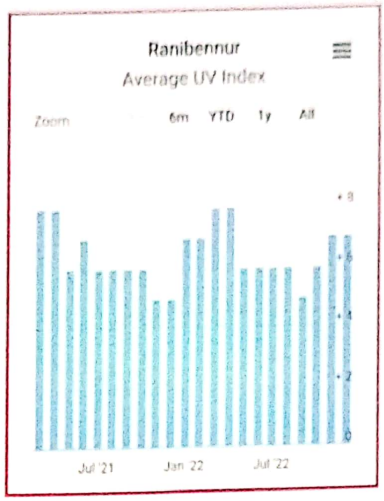
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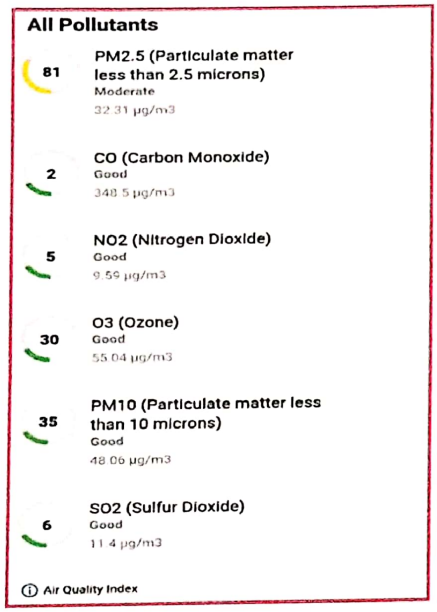
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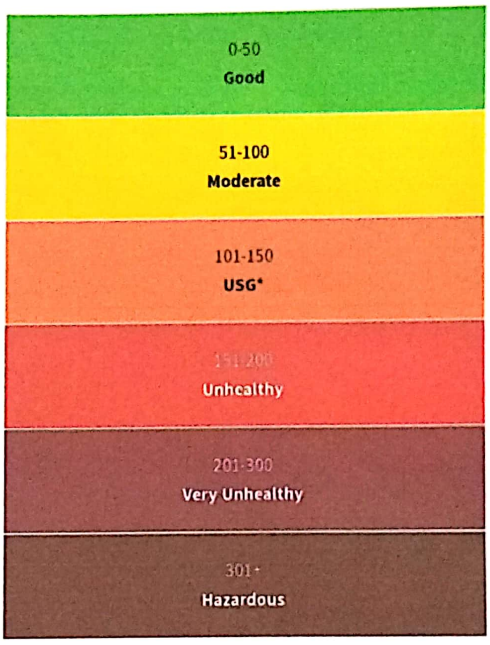
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*Unhealthy for Sensitive Groups

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AIR QUALITY INDEX

AQI

Today's Air Quality - Ranebennur, Karnataka, India



Moderate

Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.

Primary Pollutant:

PM2.5 (Particulate matter less than 2.5 microns)

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