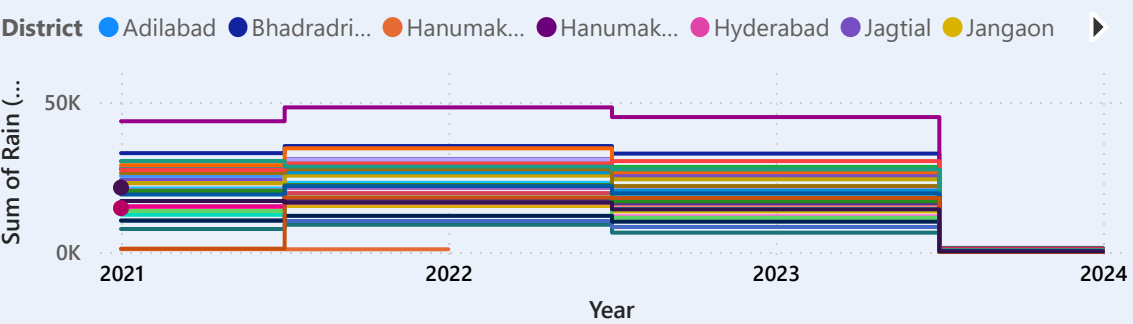


# Rainfall Analysis

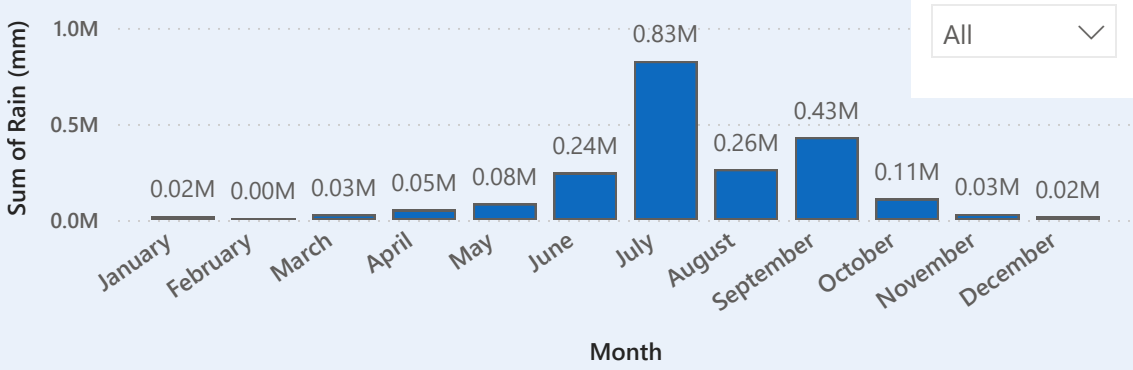
Rainfall trend Over Year by District



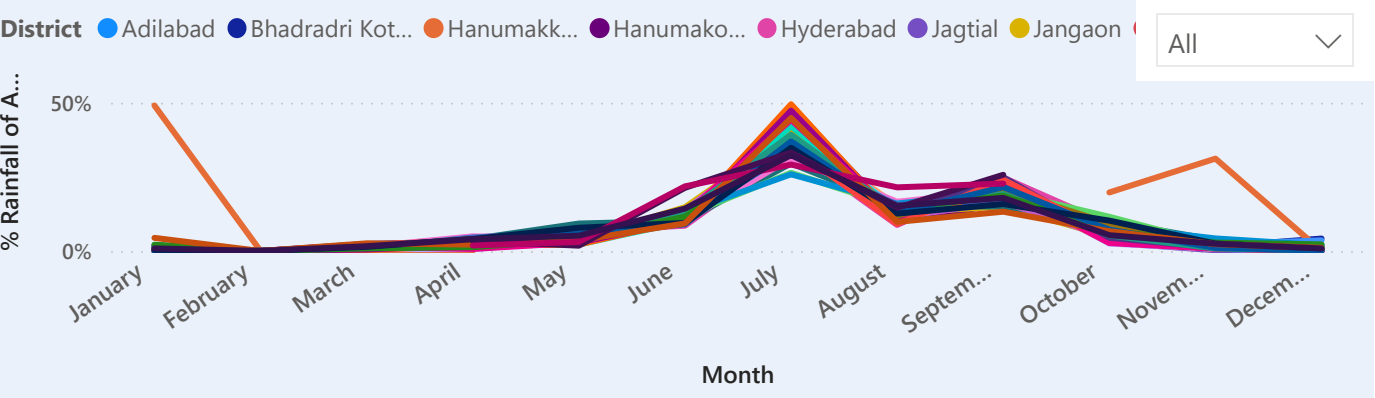
Sum of Rain (mm) by Day



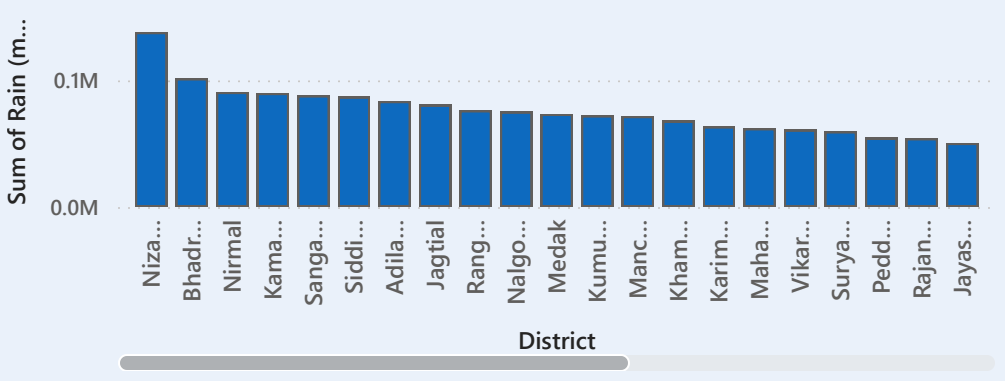
Monthly Rainfall Distribution



% Rainfall of Annual by Month and District



Total Rainfall by District



Rainfall Distribution As Date & District

Date	District	Rain (mm)	Min Temp (°C)	Max Temp (°C)	Max Humidity (%)	M
01 April 2021	Adilabad	0.00	441.60	721.90	730.50	
01 April 2021	Bhadradri Kothagudem	0.00	486.80	952.00	1,679.10	
01 April 2021	Hyderabad	0.00	404.10	621.40	609.80	
01 April 2021	Jagtial	0.00	411.20	716.70	1,004.60	
01 April 2021	Jangaon	0.00	273.00	484.60	619.60	
01 April 2021	Jayashankar	0.00	233.00	439.60	787.00	
01 April 2021	Jogulamba Gadwal	0.00	270.00	479.60	587.40	
01 April 2021	Kamareddy	0.00	487.60	859.10	1,166.50	
01 April 2021	Karimnagar	0.00	366.30	640.00	881.40	

# Temperature Insights

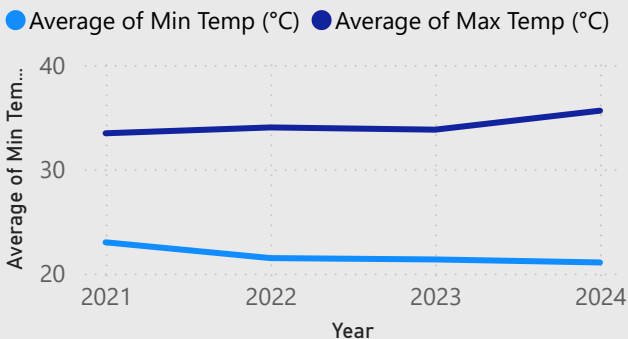
Avg Min & Max Temp by District

District	Avg of Min Temp (°C)	Avg of Max Temp (°C)
Yadadri Bhuvanagiri	21.51	34.08
Warangal Urban	24.97	34.64
Warangal Rural	24.85	34.68
Warangal	21.51	34.00
Wanaparthy	22.17	34.03
Vikarabad	20.50	33.03
Suryapet	23.04	34.65
Siddipet	21.11	33.32

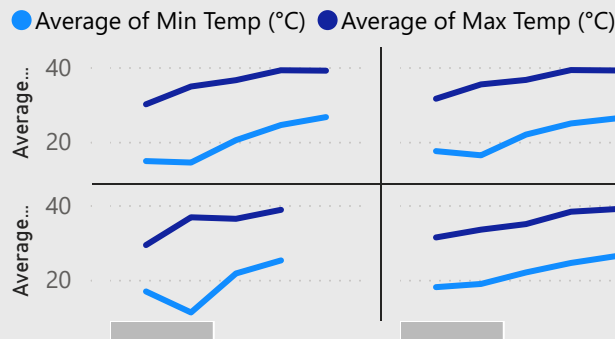
Year

- Select all
- 2021
- 2022
- 2023
- 2024

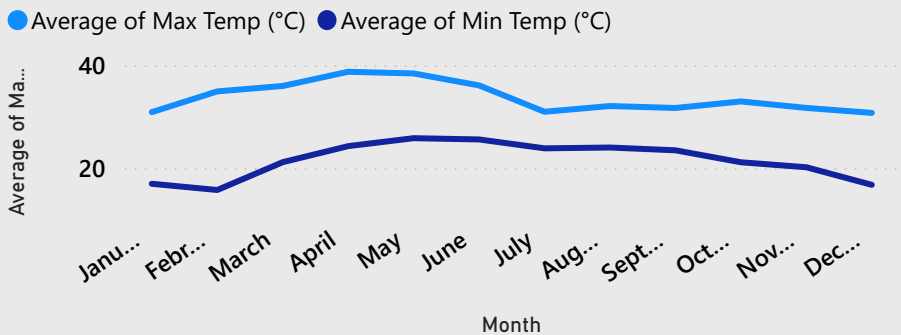
Overall Average Annual Temperature Trends (2021-2024)



Monthly Temperature Distribution by District Avg Min/Max



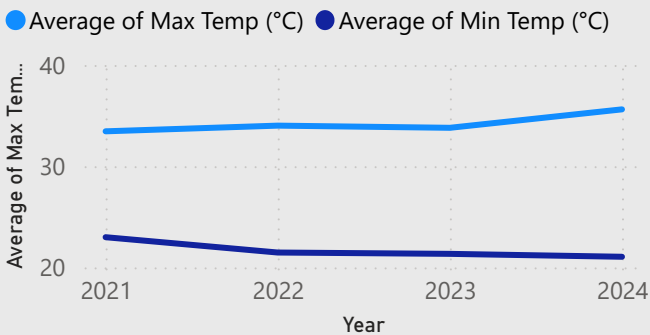
Average of Max Temp (°C) and Average of Min Temp (°C) by Month



District

- All
- Mandal
- All
- Year
- All

Annual temp range by year



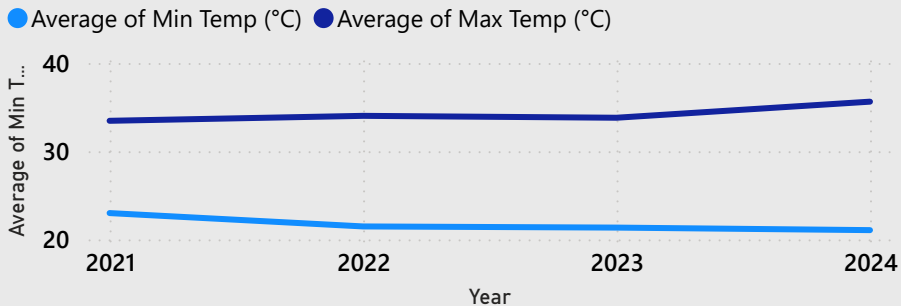
Avg Daily temp range by District

District	Daily Temp Range
Hanumakkonda	14.38
Nirmal	12.78
Jagtial	12.73
Adilabad	12.66
Rajanna Sircilla	12.61
Yadadri Bhuvanagiri	12.57
Nizamabad	12.54

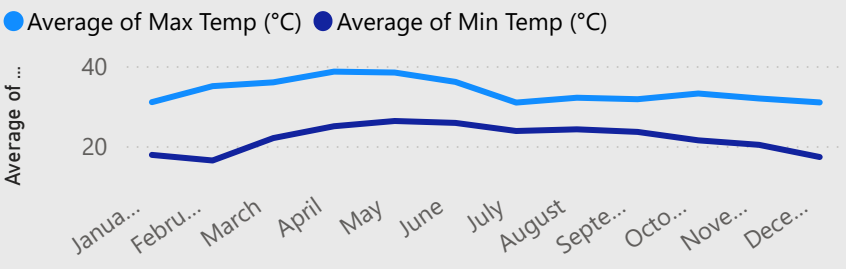
Year

- Select all
- (Blank)
- 2021
- 2022
- 2023
- 2024

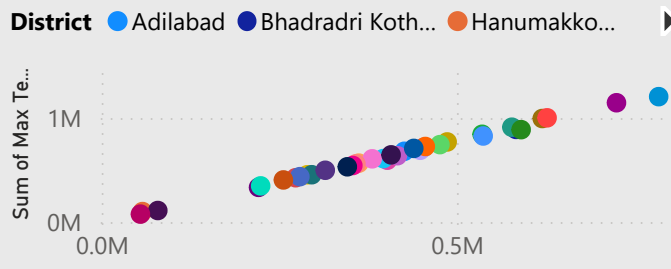
Average of Min Temp (°C) and Average of Max Temp (°C) by Year



Average of Max Temp (°C) and Average of Min Temp (°C) by Month

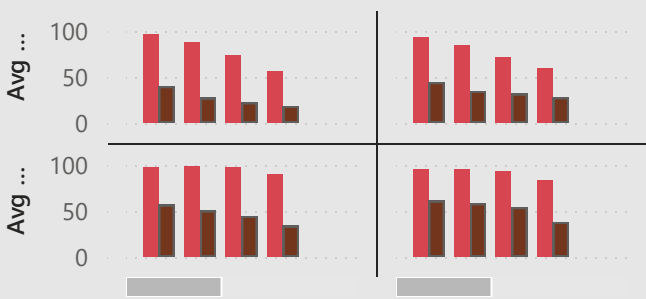


Sum of Min Temp (°C) and Sum of Max Temp (°C) by District



# Humidity Patterns

Average Monthly Humidity by Mandal (Min/Max)".



Distr...

All

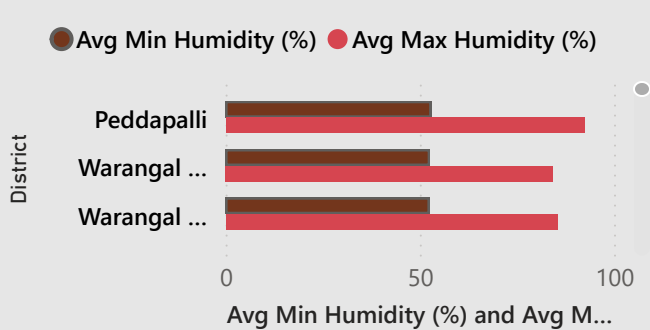
Year

All

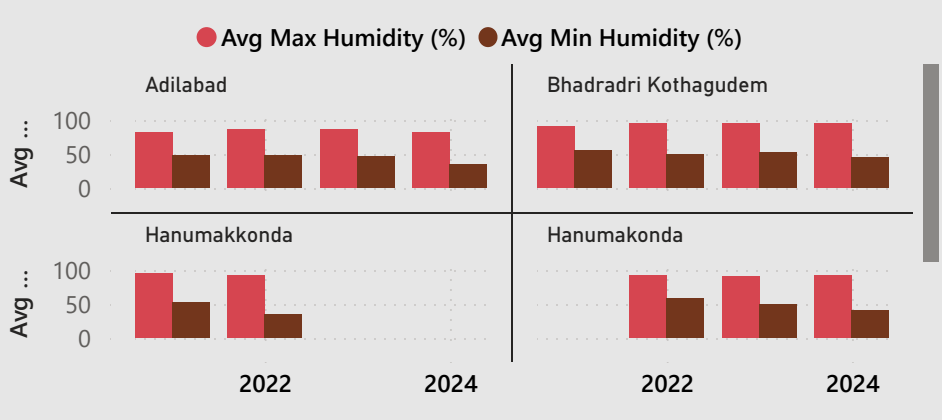
Man...

All

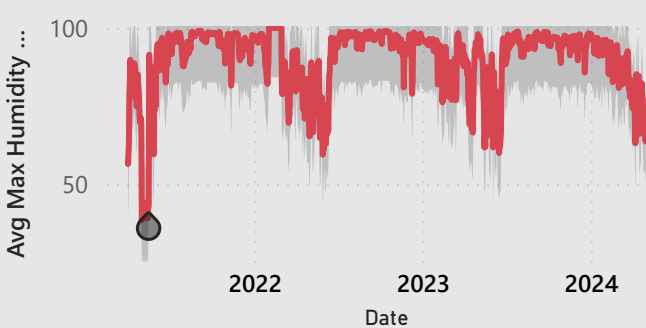
Average Min and Max Humidity by District".



Annual Humidity Trend by District



Avg Max Humidity (%) by Date



Distr...

All

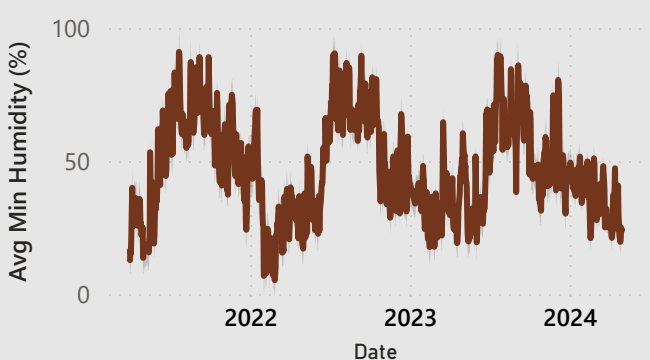
Man...

All

Year

All

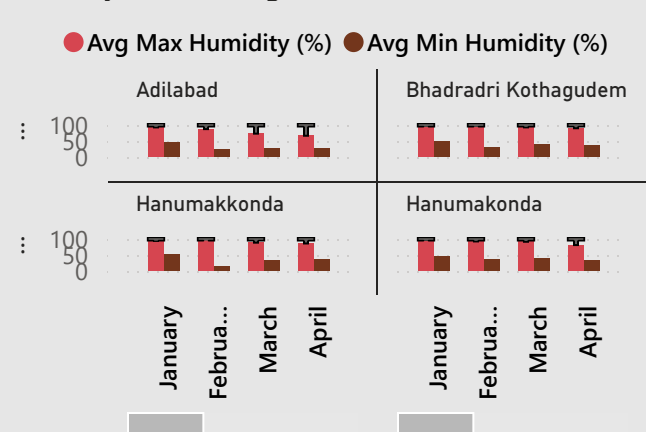
Avg Min Humidity (%) by Date



Humidity Patterns Karimnagar vs Hyd

District	Month	Max Humidity %	Min Humidity%	Daily Humidity%
Karimnagar	September	97.53	72.47	25.07
Karimnagar	July	96.29	71.27	25.03
Karimnagar	October	96.21	53.21	42.99
Karimnagar	August	95.87	67.77	28.09
Karimnaqar	January	94.98	46.38	48.60

Humidity Level Throughout Year



District

All

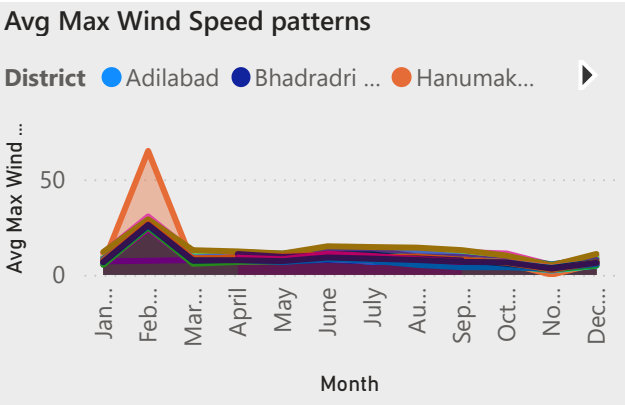
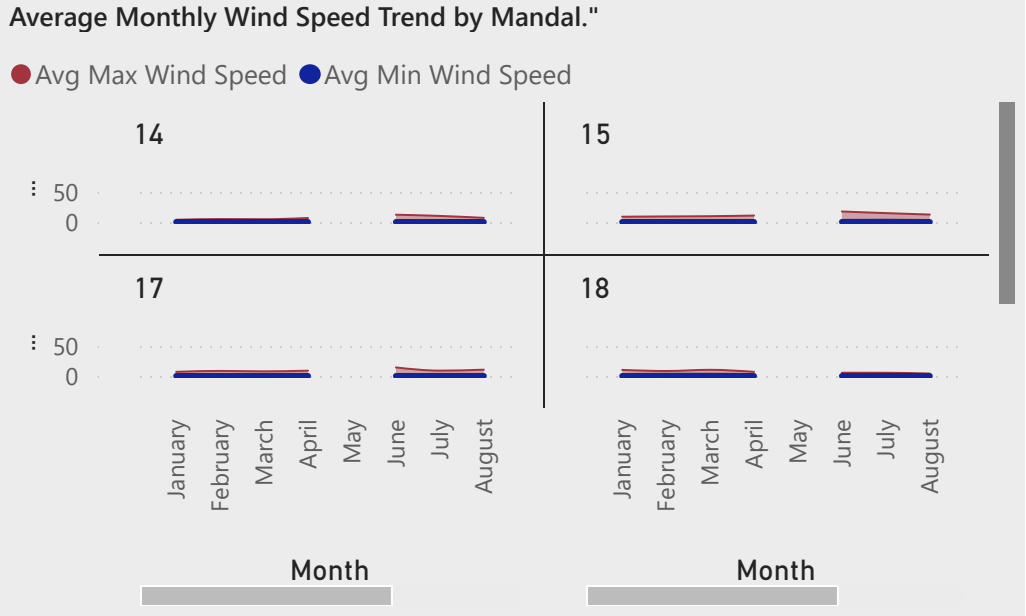
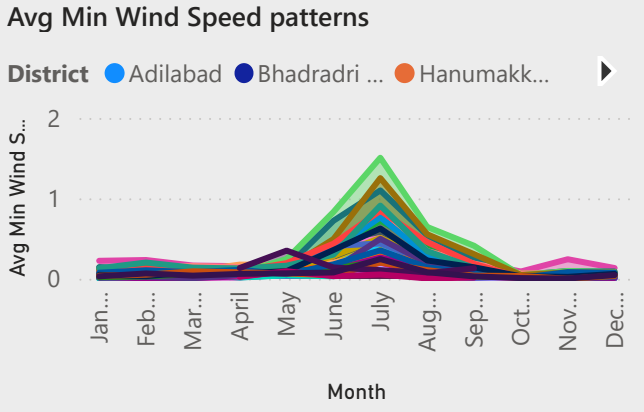
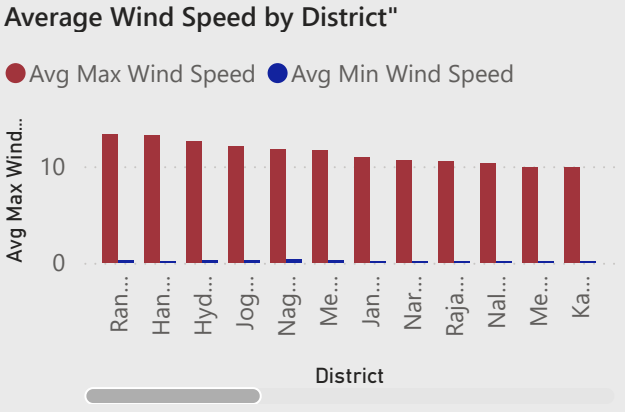
Year

All

Reporting of Anamalous Days

Date	District	Mandal	Min Humidity (%)	Max Humidity (%)
01 April 2021	Bhadradi Kothagudem	Dammapeta	8.70	99.50
01 April 2021	Khammam	Kalluru	15.20	99.90
01 April 2021	Khammam	Konijerla	17.70	99.90
01 April 2021	Khammam	Sathupalle	13.00	99.50
02 April 2021	Bhadradi Kothagudem	Aswaraopeta	17.80	100.00
02 April 2021	Bhadradi Kothagudem	Dammapeta	11.70	100.00
02 April 2021	Khammam	Mudigonda	17.20	99.90
02 April 2021	Khammam	Sathupalle	14.70	100.00

# Wind Speed Analysis



District	Daily Wind Speed Range
Yadadri Bhuvanagiri	8.54
Warangal Urban	8.68
Warangal Rural	9.00
Warangal	9.58
Wanaparthi	8.96
Vikarabad	7.60
Suryapet	7.68
<b>Total</b>	<b>9.43</b>

Dist... ▾

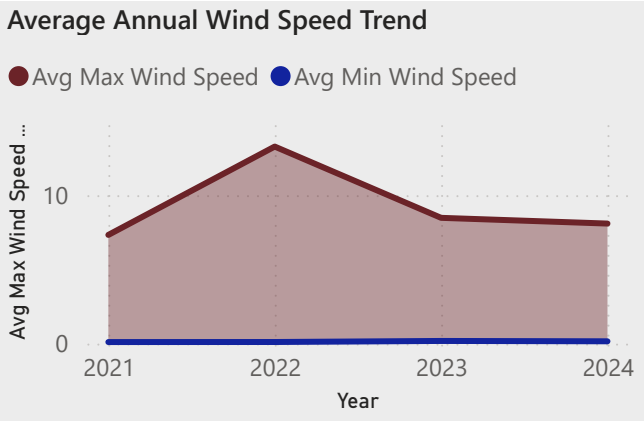
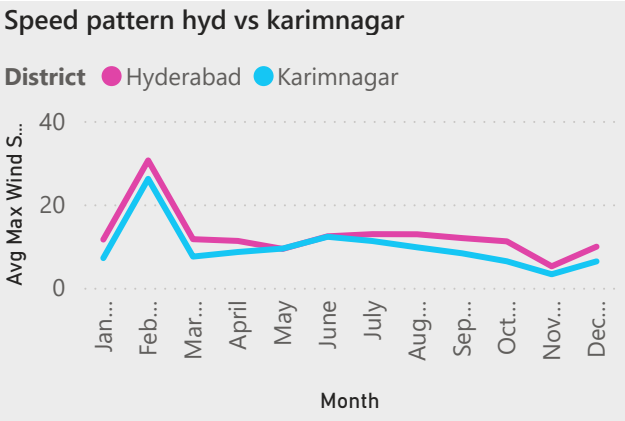
All ▾

Year ▾

All ▾

Mon... ▾

All ▾

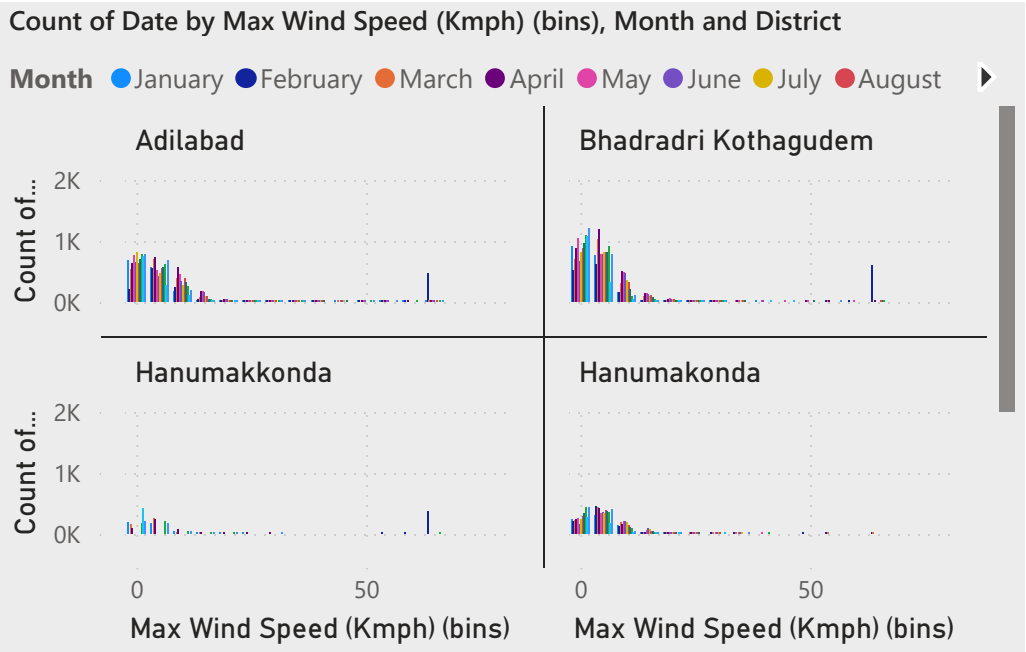


Mo... ▾

All ▾

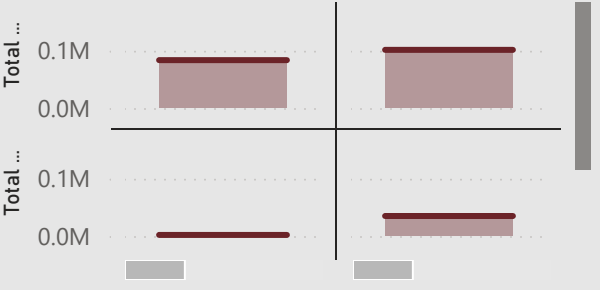
Dis... ▾

All ▾

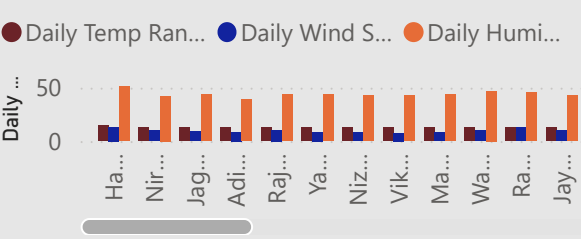


# Comprehensive Weather Insights

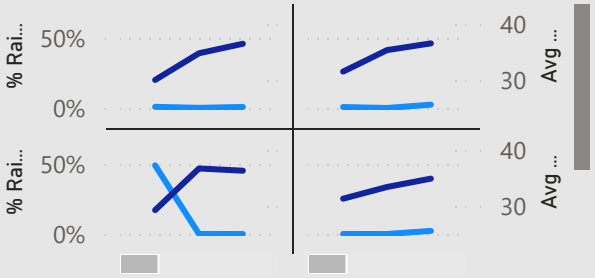
Rainfall Trend



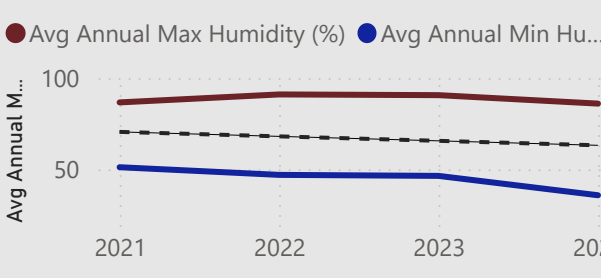
Daily Range Comparison of Temp, Humidity & Wind



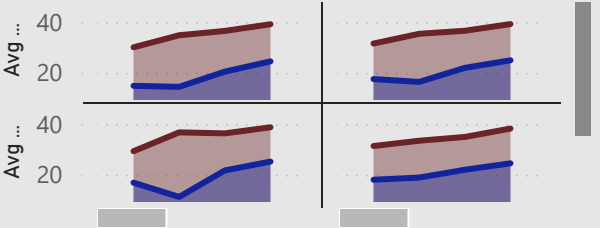
Trend Comparison



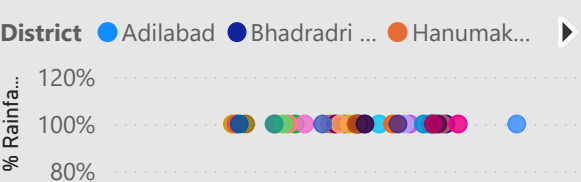
Overall Annual Humidity Trend (Min & Max)"



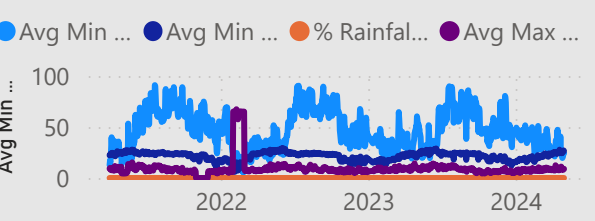
Temperature Trend



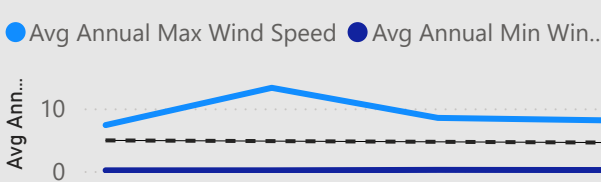
Relationship between Rainfall and Temperature



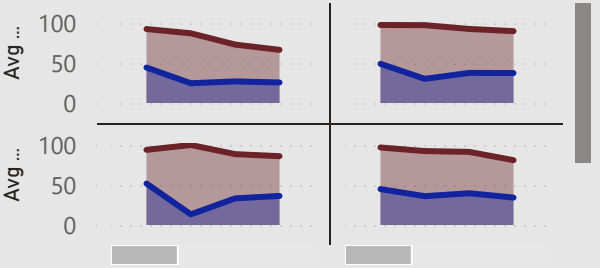
Extreme Weather events



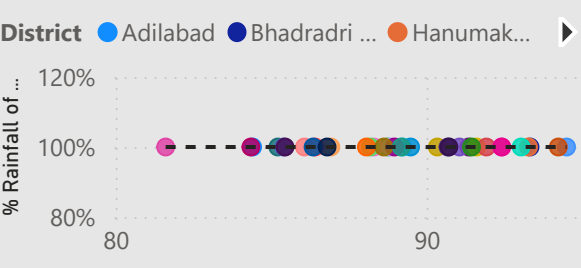
Overall Annual Wind Speed Trend (Min & Max)



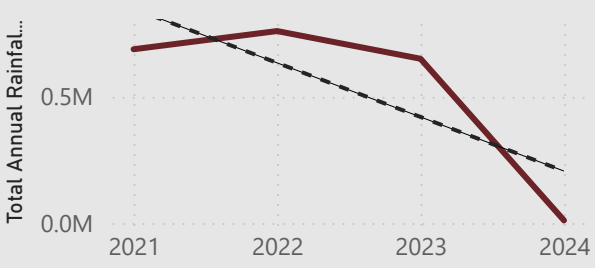
Humidity Trend



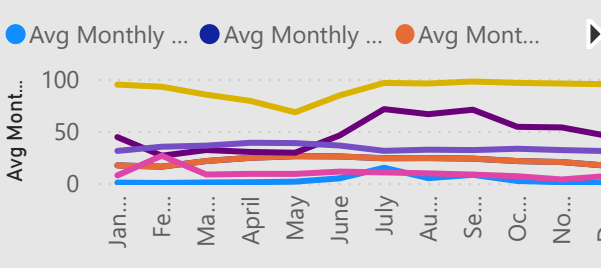
Relationship between Rainfall and Humidity



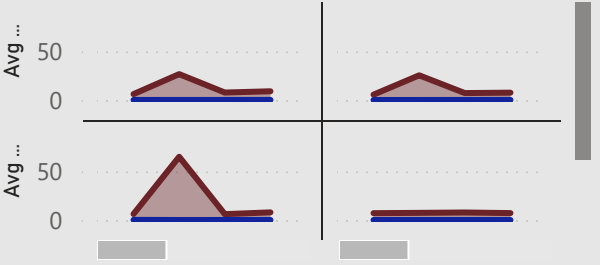
Overall Annual Rainfall Trend"



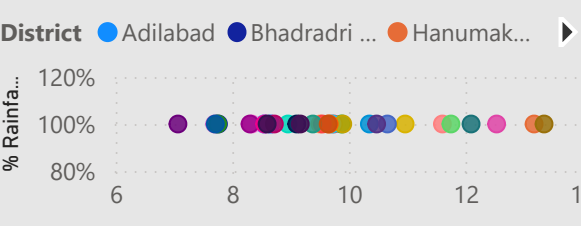
Seasonal Patterns



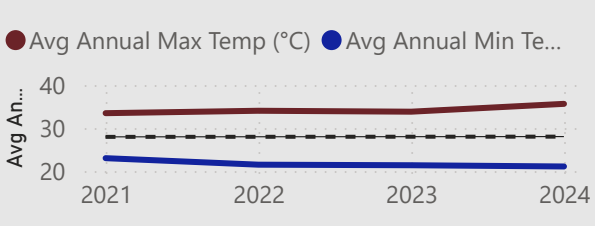
Wind Speed Trend



Relationship between Rainfall and Wind Speed



Overall Annual Temperature Trend (Min & Max)"



Avg Min Wind Speed and Avg Max Wind Speed by Month and District

