

Orientation Workshop on Central Server Application for MPPCB Officials



Madhya Pradesh Pollution Control Board

Ph. : 0755-2469180, Fax : 2463742, Web : www.mppcb.nic.in



Orientation Workshop on



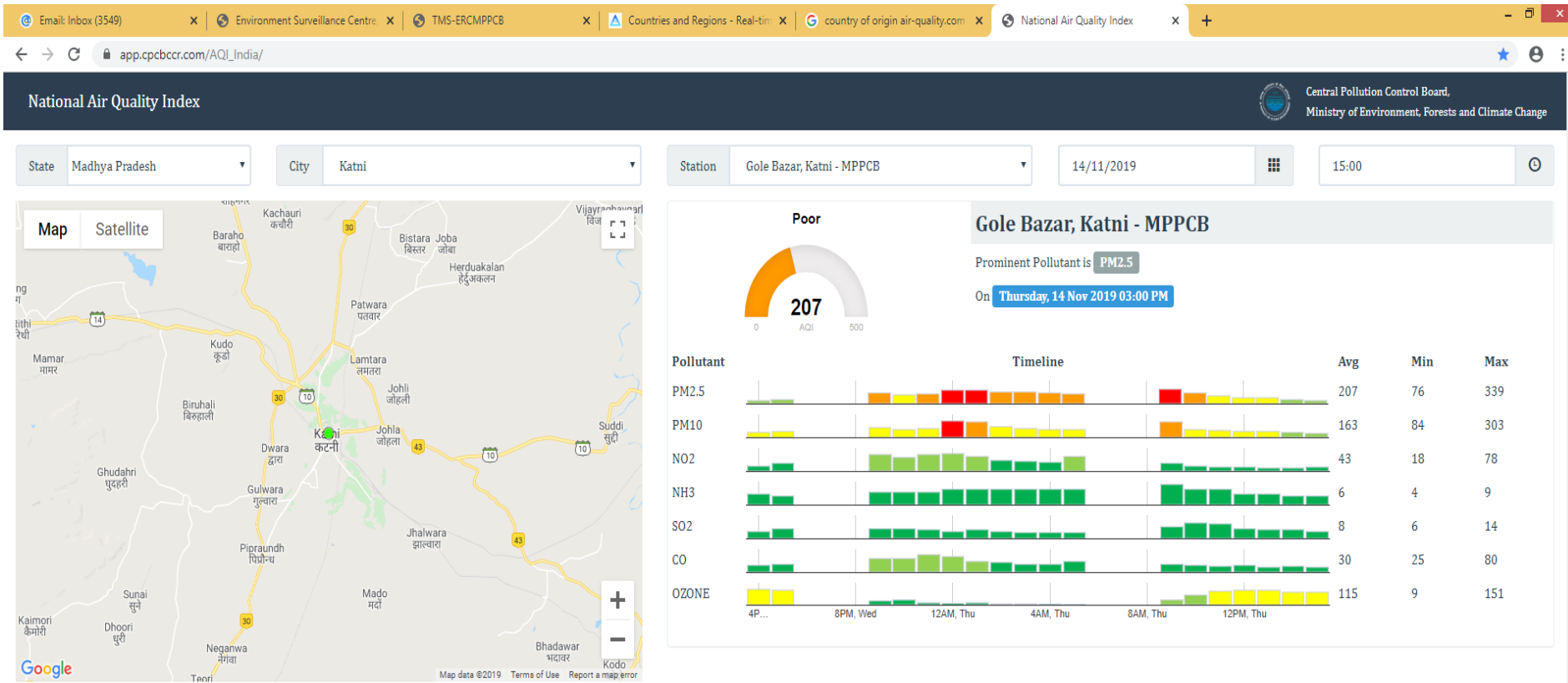
Central Server Application for Real-time Monitoring of Industries in Madhya Pradesh State

November 15th, 2019

AQI

- **Misconception / Misunderstanding**
- **No provision of hourly AQI**
- **Minimum data for sub-index calculation.**
- **PM2.5 and PM10 concentration.**
- **AQI value of PM2.5 and PM10.**

[CPCB : app.cpcbcr.com/AQI_India/](http://app.cpcbcr.com/AQI_India/)



AQI	Remark	Color Code	Possible Health Impacts	List of AQI Stations with Data
0-50	Good		Minimal impact	
51-100	Satisfactory		Minor breathing discomfort to sensitive people	
101-200	Moderate		Breathing discomfort to the people with lungs, asthma and heart diseases	
201-300	Poor		Breathing discomfort to most people on prolonged exposure	
301-400	Very Poor		Respiratory illness on prolonged exposure	
401-500	Severe		Affects healthy people and seriously impacts those with existing diseases	

AIR-QUALITY.COM

email.gov.in

New Tab

Bhopal Real-time Air Quality Index

New Tab

air-quality.com/place/india/bhopal/f9082f6e?lang=en&standard=aqi_us

Apps (31) WhatsApp Hindi - पर्यावरण खनि... My Inbox Helper



air-quality.com

Powered by Air Matters

Raisen / Bhopal

Search for places

Places 

Bhopal

Raisen, Madhya Pradesh

2019-11-09 18:30

Get the App [Scan QR Code](#)

AQI (US)

157

Unhealthy

Pollutants

PM10

267

µg/m³

PM2.5

59

µg/m³

CO

2380

µg/m³

NO2

32

µg/m³

SO2

19

µg/m³

O3

18

µg/m³

Weather

°C

 22°C

 67%

 7 kph

 0 of 11

Forecast

Daily

2019-11-09



28° / 18°

2019-11-10



29° / 17°

2019-11-11



29° / 18°

2019-11-12



30° / 18°

2019-11-13



30° / 17°

2019-11-14



29° / 18°

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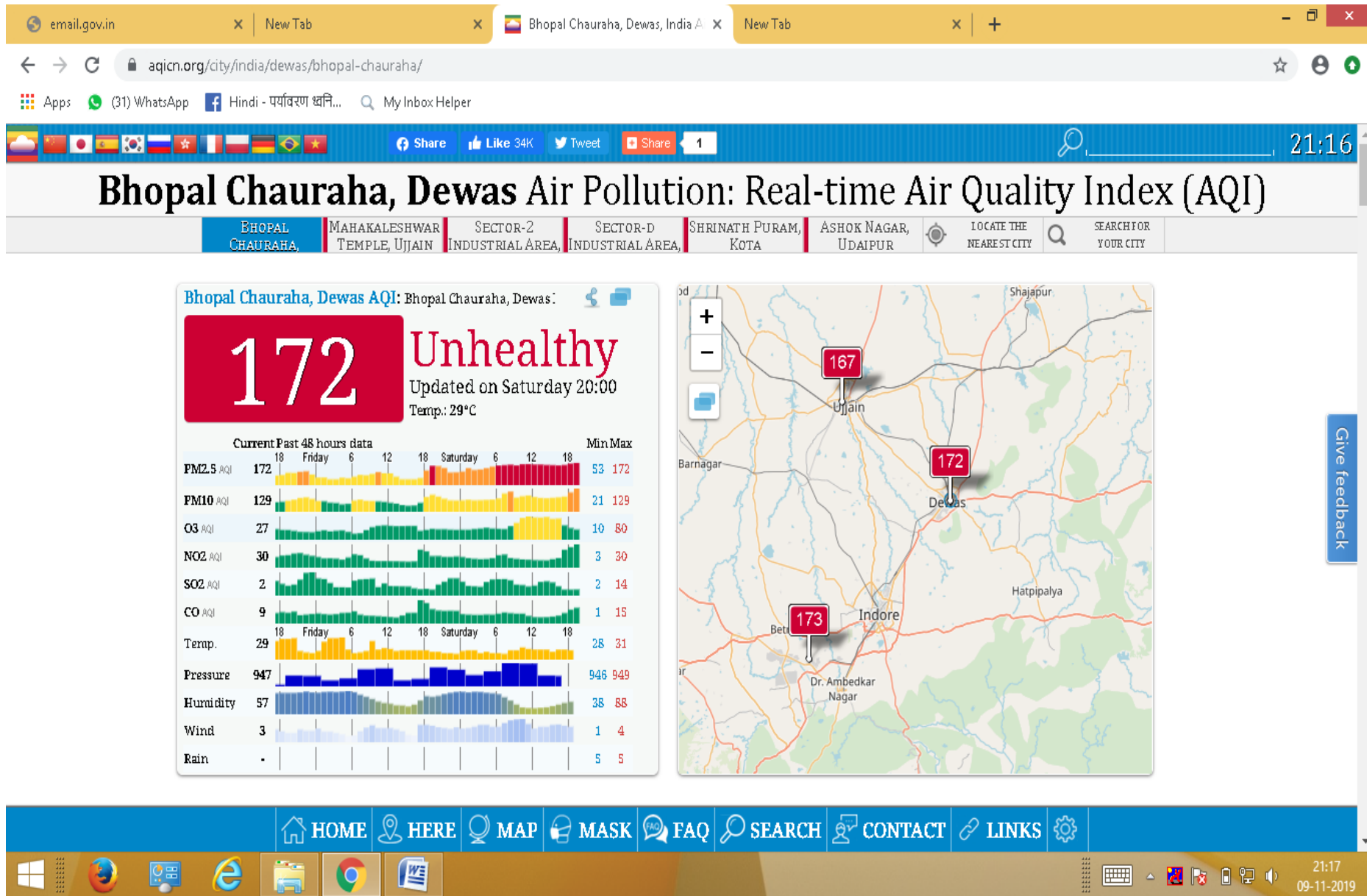
Why this ad? ⓘ



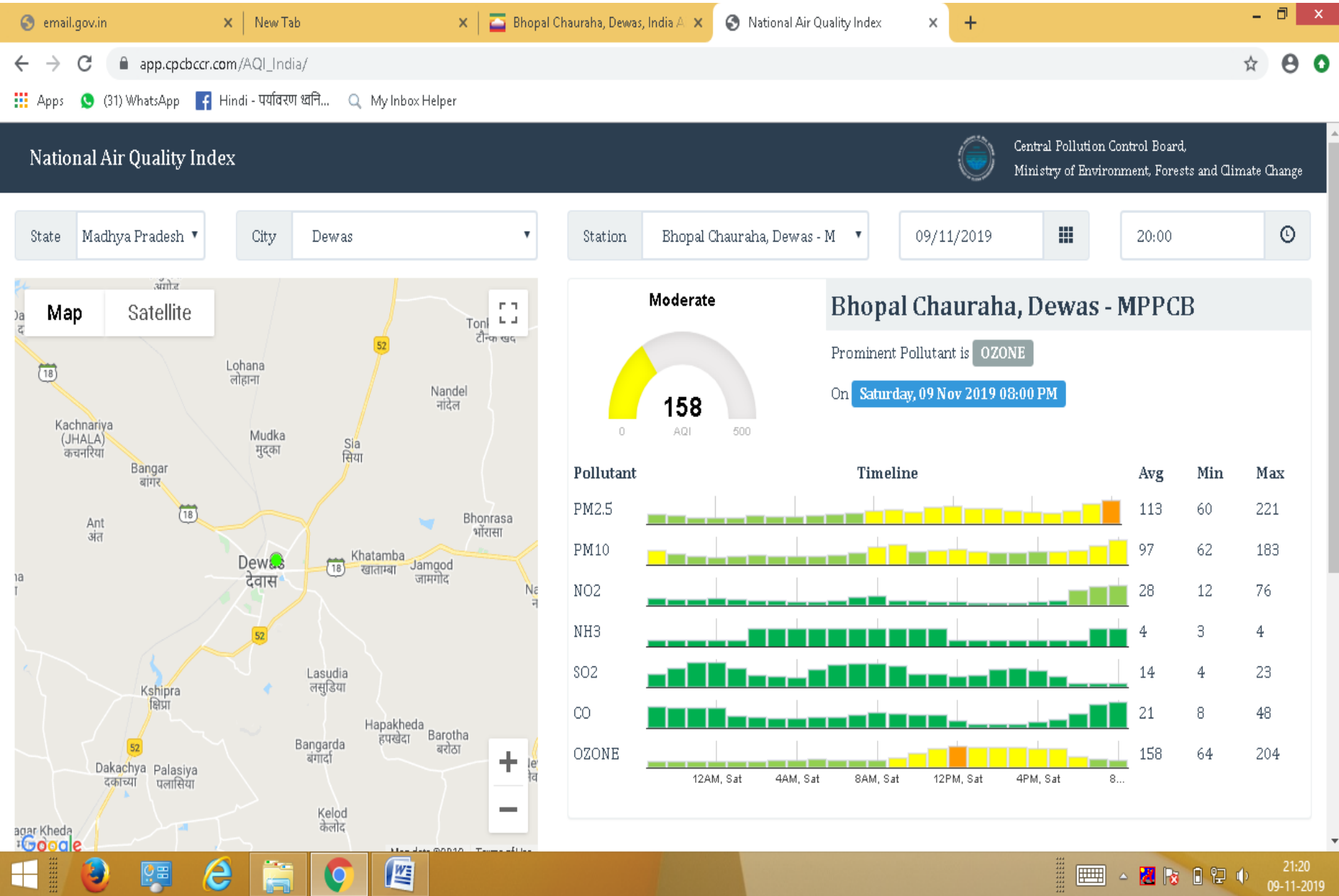
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09-11-2019

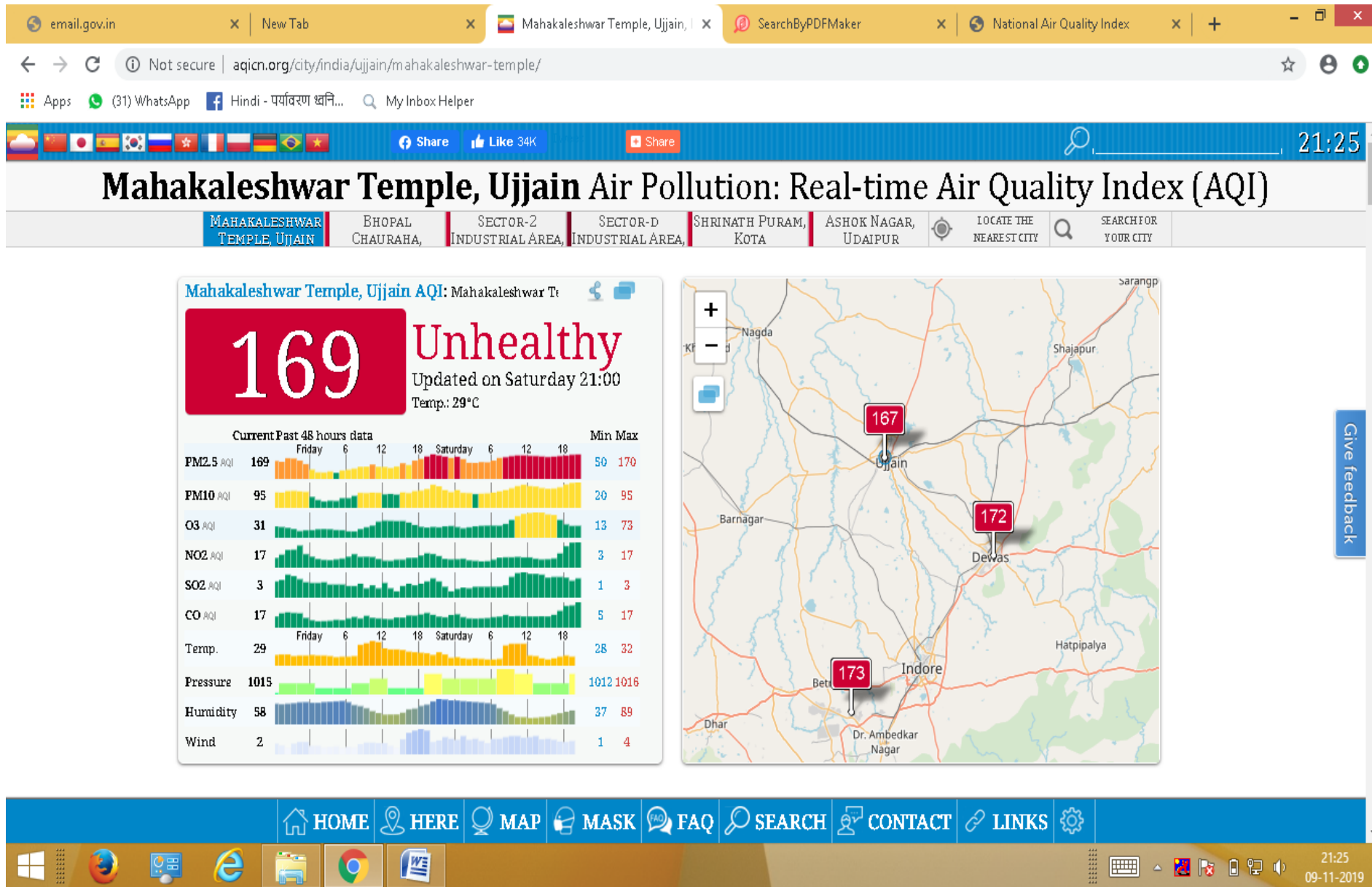
AQICN.ORG (Beijing – China) 09.11.19/8 pm



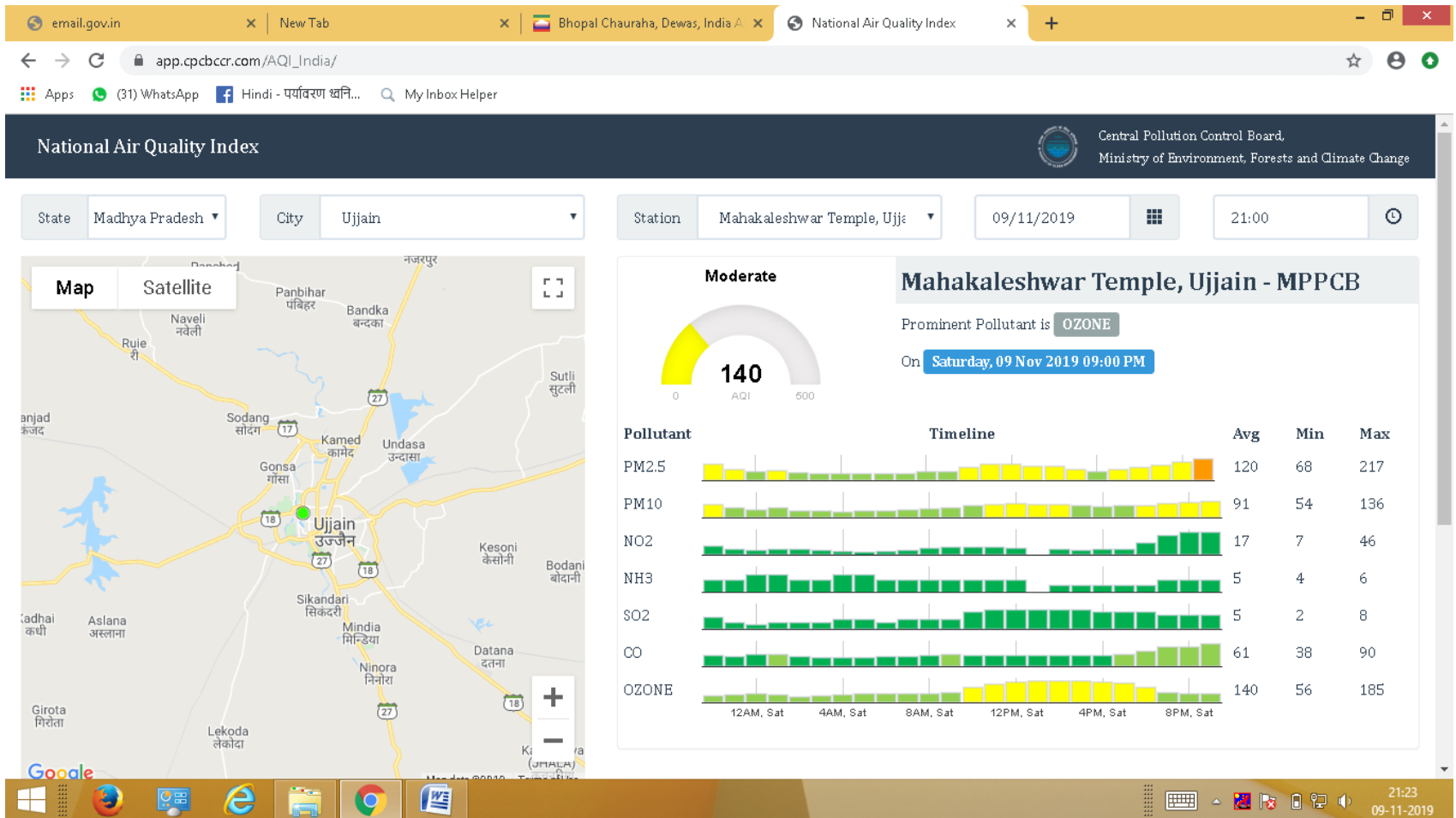
CPCB : app.cpcbcr.com/AQI_India/ 09.11.19/8 pm



AQICN.ORG (Beijing – China) 09.11.19/9 pm

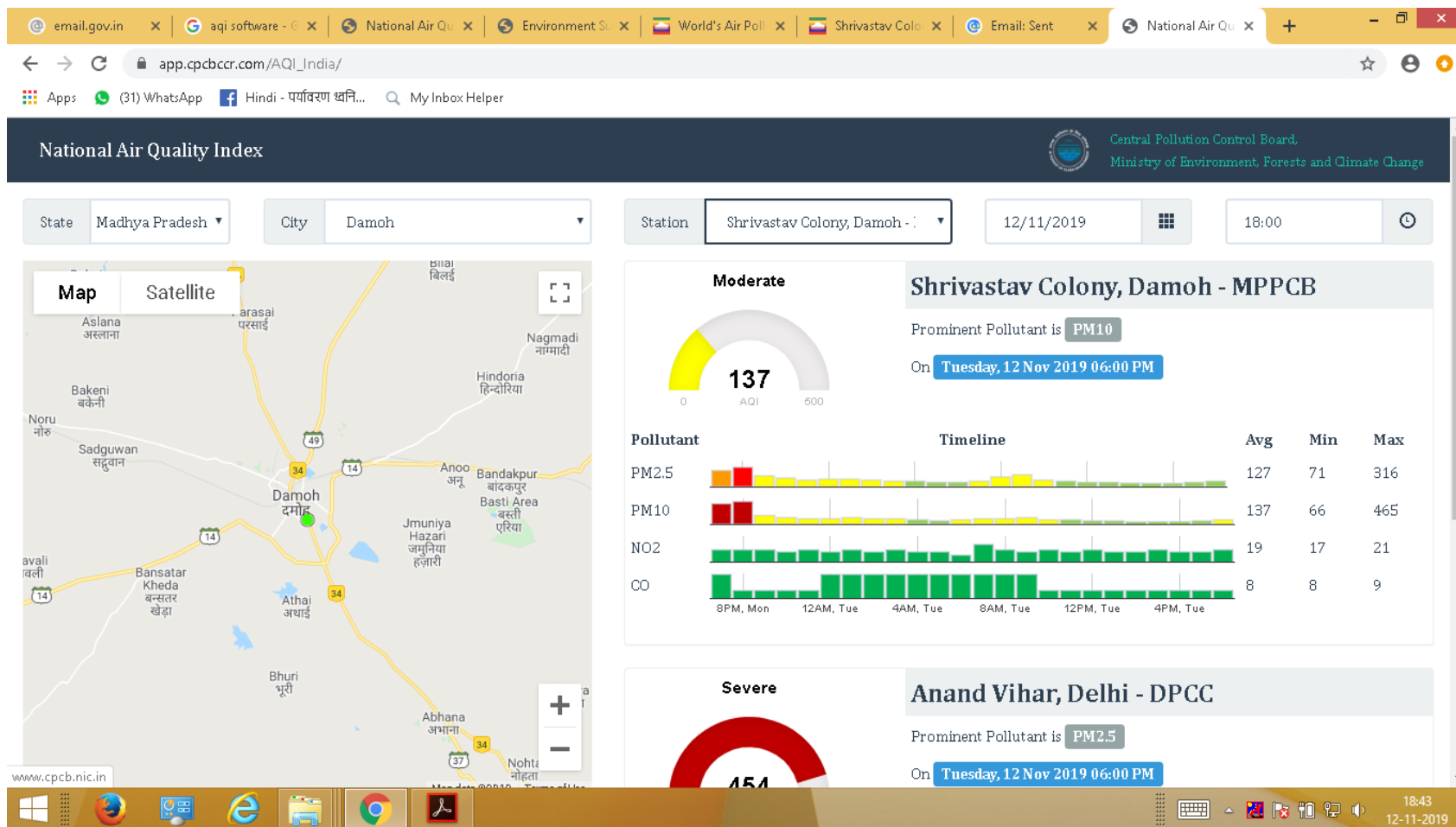


[CPCB : app.cpcbcr.com/AQI_India/](http://app.cpcbcr.com/AQI_India/) 09.11.19/9 pm

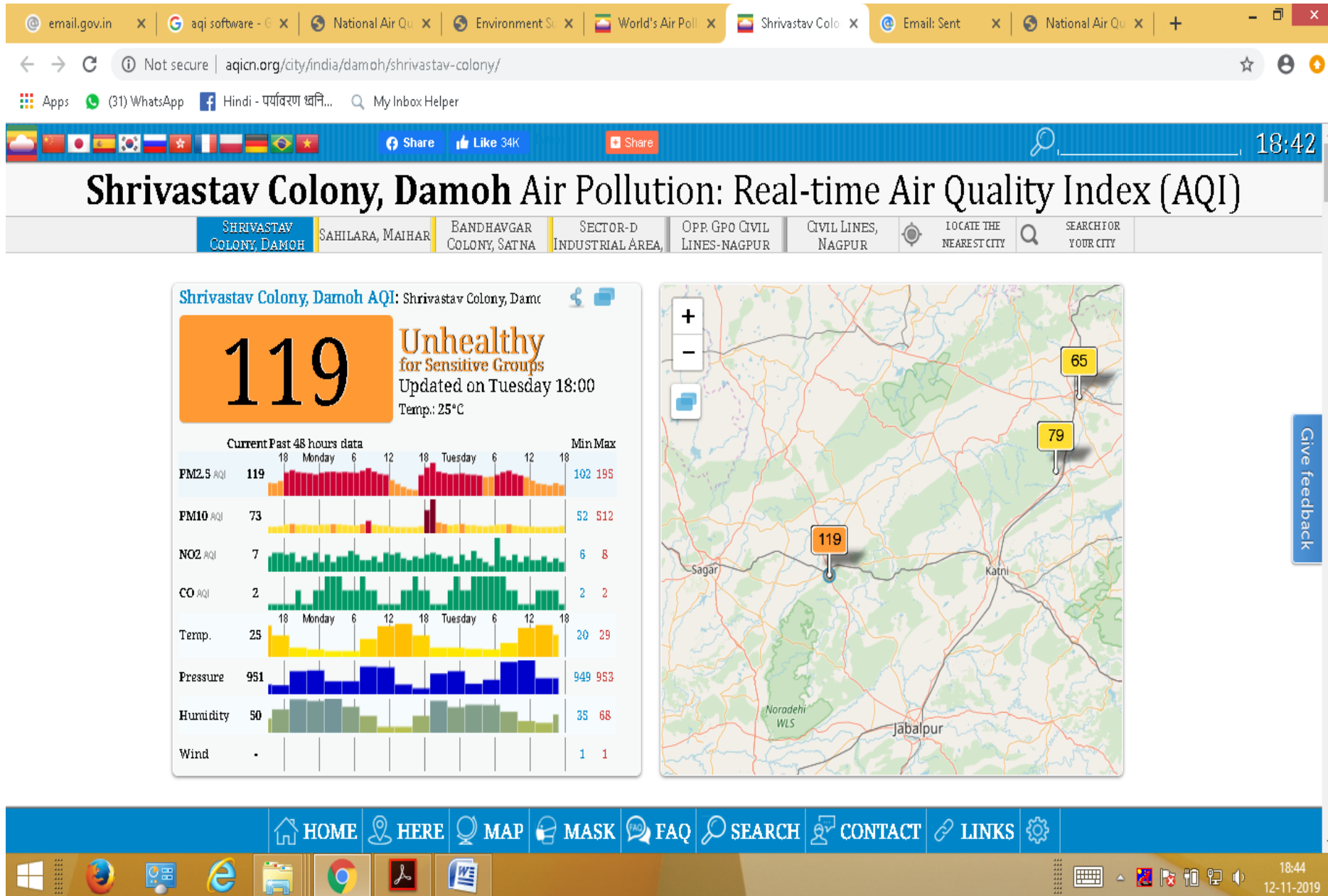


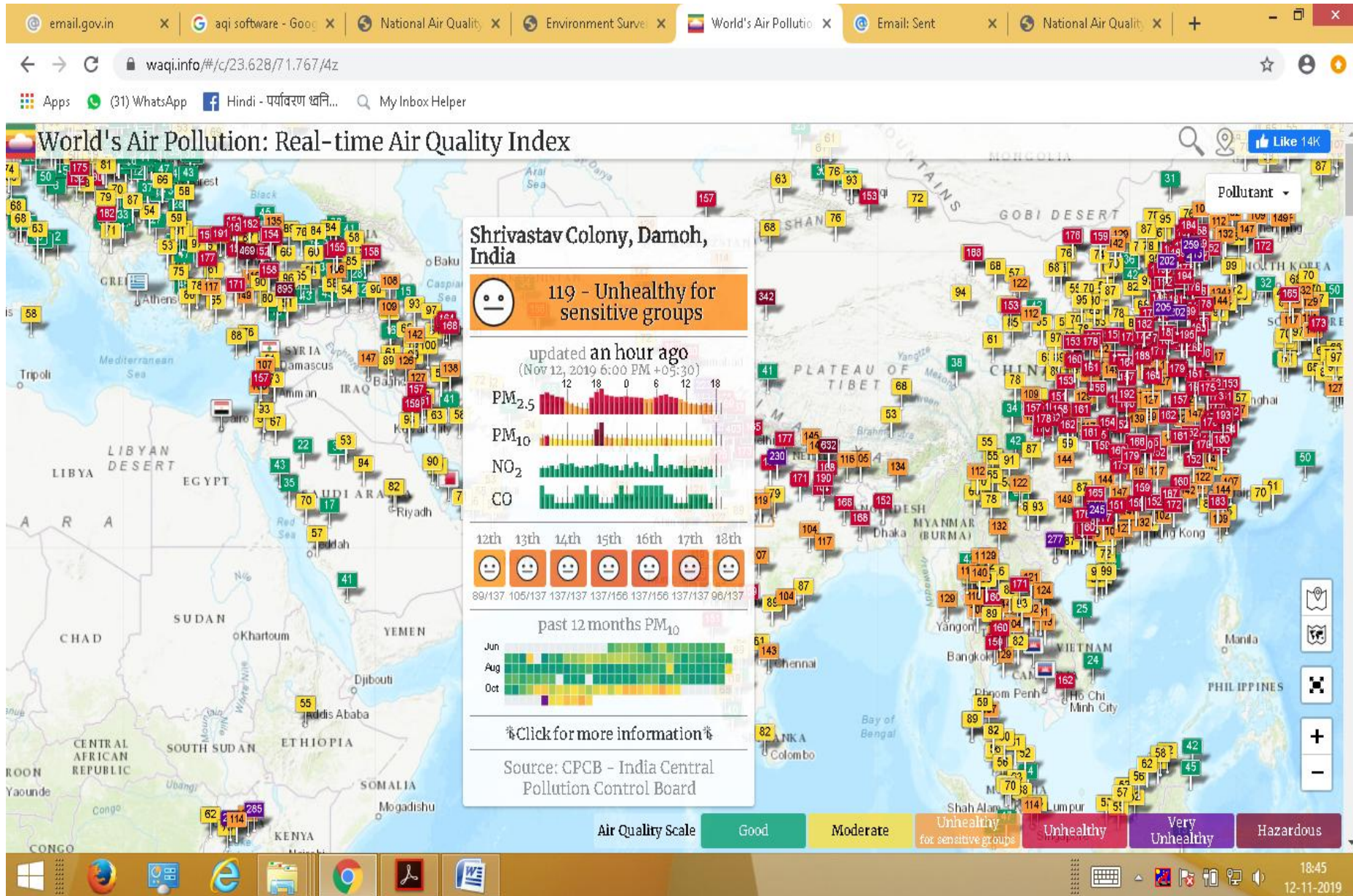
The image is a screenshot of a web browser displaying the AQICN (Air Quality Index of China and India) website. The browser's address bar shows the URL 'aqicn.org/search/#q=bhopal%20india'. The website's header features a blue navigation bar with social media links (Share, Like 34K, Tweet) and a search bar. The main heading reads 'Air Pollution in the World' followed by 'Real-time Air Quality Index (AQI)'. A search input field contains the text 'ujjain'. Below the search bar, a result is displayed: '169 mahakaleshwar temple, ujjain, india - Sat November 9th, 9PM'. A button below the result says 'or let us find your nearest air quality monitoring station'. At the bottom, a red banner highlights the selected location: '169 Mahakaleshwar Temple, Ujjain' with the timestamp '2019-11-09 21:00:00'. The website's footer contains a blue navigation bar with links: HOME, HERE, MAP, MASK, FAQ, SEARCH, CONTACT, LINKS, and a settings icon. The Windows taskbar at the bottom shows the time as 21:37 on 09-11-2019.

CPCB : app.cpcbcr.com/AQI_India/ 12.11.19/6 pm

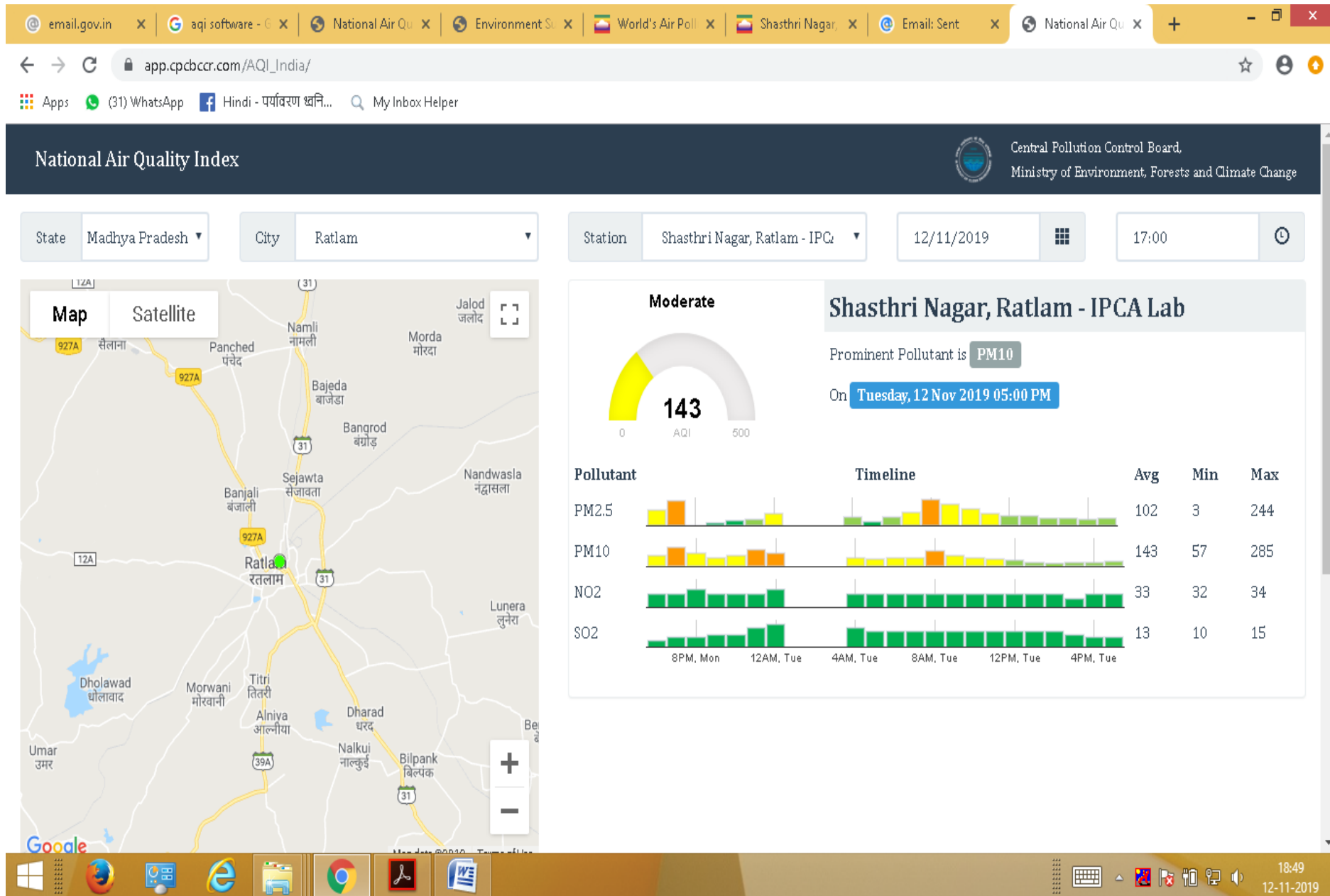


AQICN.ORG (Beijing – China) 12.11.19/6 pm





CPCB : app.cpcbcr.com/AQI_India/ 12.11.19/5 pm



AQICN.ORG (Beijing – China) 12.11.2019

Email: Comp x W Air quality in x Pro Doc To x National Air x CPCB|Centre x displaypdf.p x Shasthri Nag x Email: Sent x National Air x +

Not secure | aqicn.org/city/india/ratlam/shasthri-nagar/ ☆

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Share Like 34K Tweet Share 19:49

Shasthri Nagar, Ratlam Air Pollution: Real-time Air Quality Index (AQI)

SHASTHRI NAGAR, RATLAM MAHAKALESHWAR TEMPLE, UJJAIN SECTOR-2 INDUSTRIAL AREA, BHOPAL CHAURAHA, ASHOK NAGAR, UDAIPUR SHRINATH PURAM, KOTA LOCATE THE NEAREST CITY SEARCH FOR YOUR CITY

Shasthri Nagar, Ratlam AQI: Shasthri Nagar, Ratlam Real-

161

Unhealthy

Updated on Tuesday 19:00

Temp.: 20°C

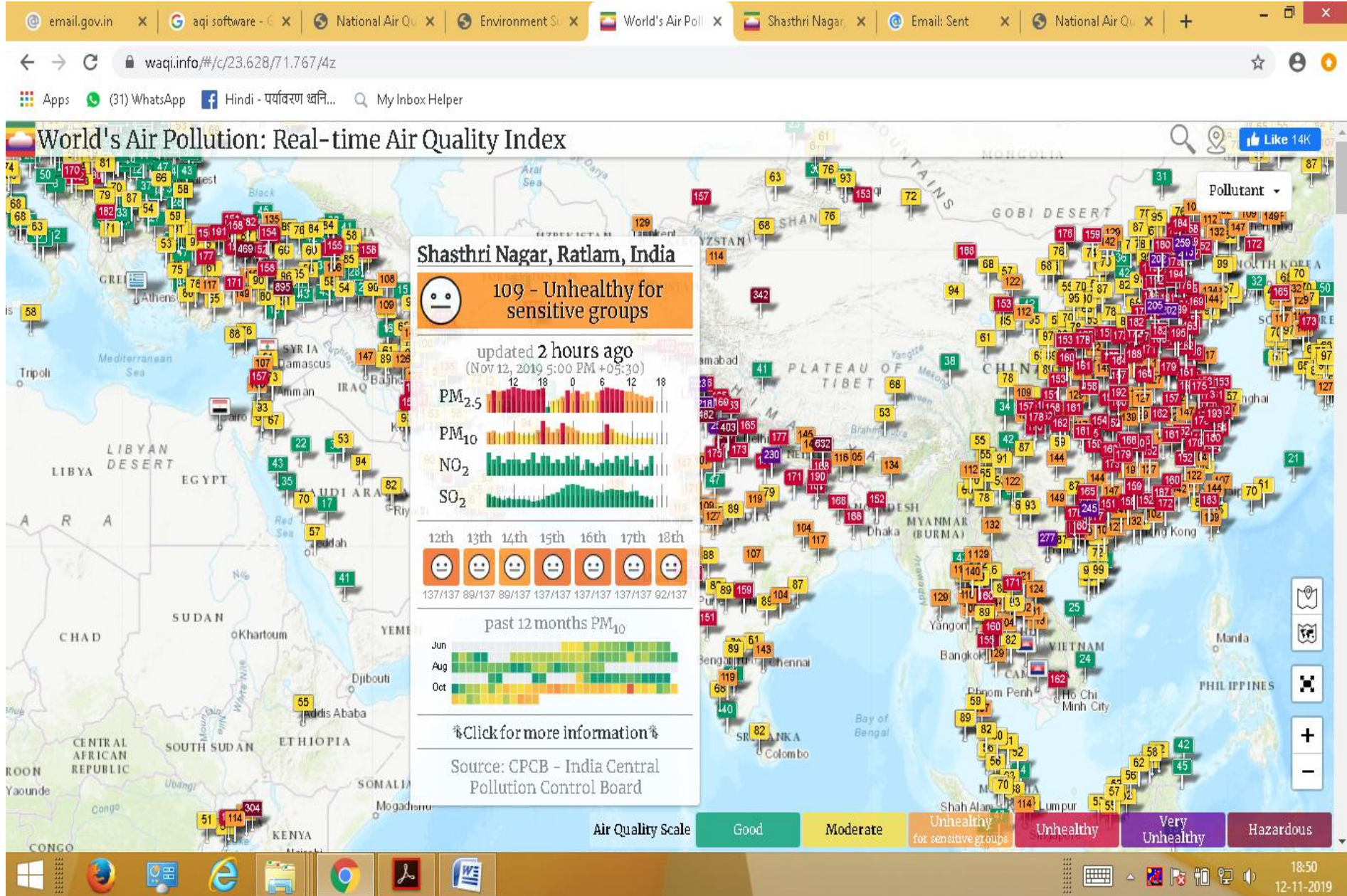
Current Past 48 hours data

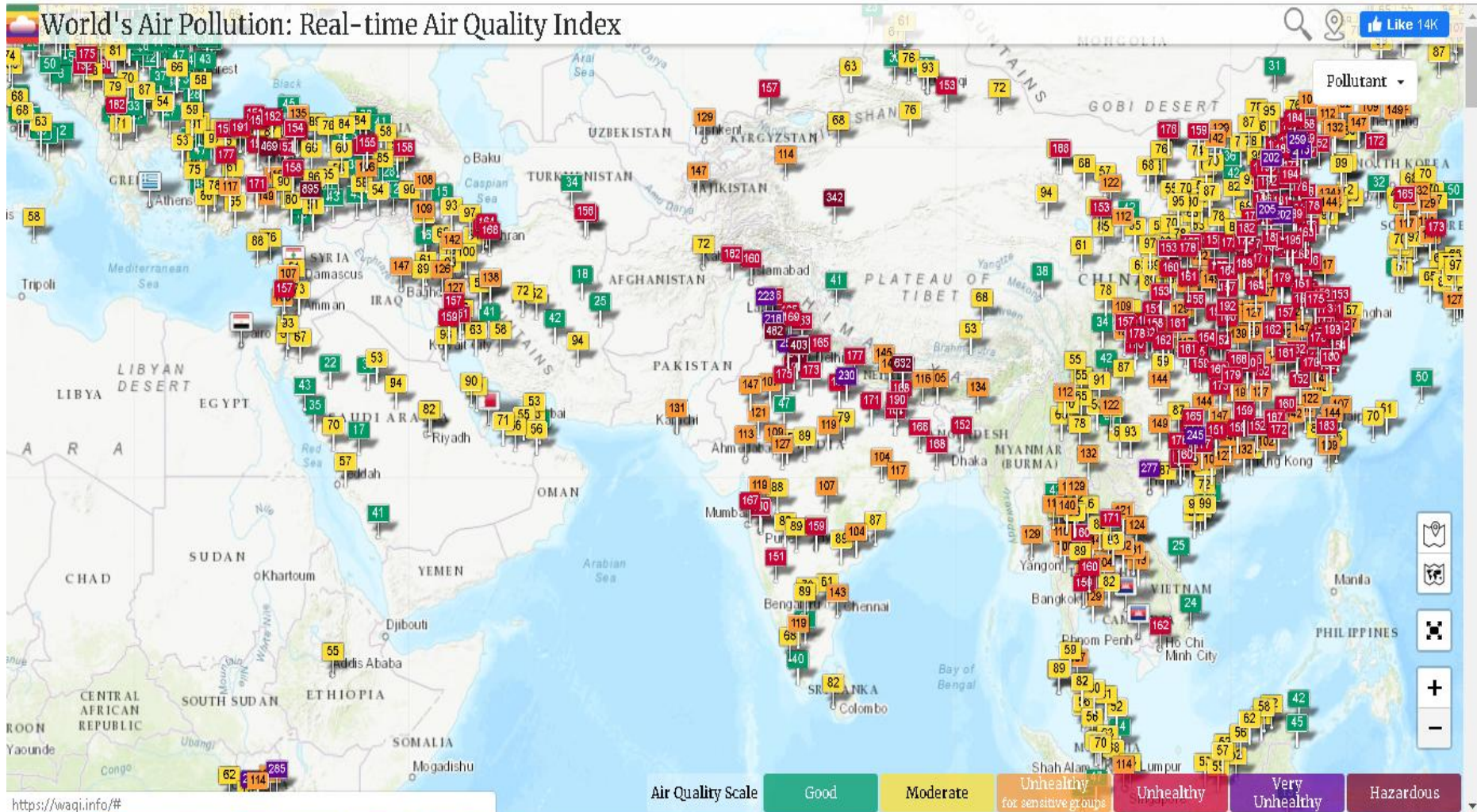
	18	Monday	6	12	18	Tuesday	6	12	18	Min	Max
PM2.5 AQI	109									18	188
PM10 AQI	55									52	191
NO2 AQI	12									12	13
SO2 AQI	4									4	6
Temp.	20									19	28
Humidity	79									45	79
Wind										1	2

HOME HERE MAP MASK FAQ SEARCH CONTACT LINKS

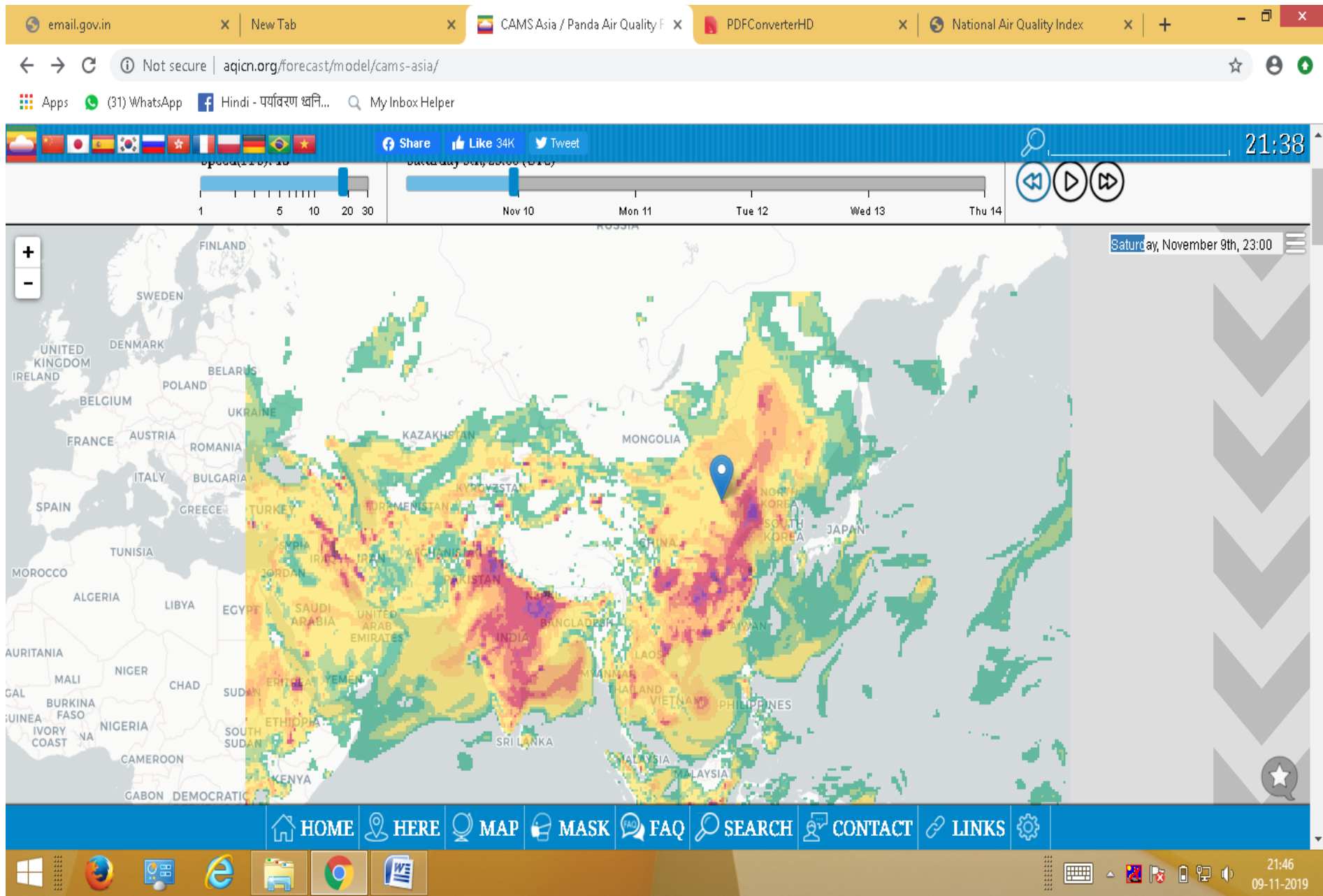
About_AQI.pdf Show all

19:51 12-11-2019





AQICN.ORG (Beijing – China)



New Updates

- **Requirement of USEPA approved analyzers ?**
- **TUV & MCERTS Certification ?**
- **EN-15267 / EN-14181 / EN-14956 ?**
- **Indigenous manufacturers to take certificate within 6 months after the Indian certification agency is in place.**
- **No legal backing to RTM data as on date.**
- **Notification of RTM Rules pending.**

New Updates

- **H'ble Court directed to loop-in all the concerned departments**
- **EnvAlert App already in place.**
- **CEMS selection.**
- **Mercury monitoring in Power plants.**
- **CO₂, CO, O₂, Gas velocity, Moisture, Stack temp also to be monitored.**
- **If break down/fault in CEMS not rectified within 24 hours the operator shall reduce or close down the operation.**

Gaseous Analyzer Calibration

- **PM-CEMS to be calibrated at different operational loads against isokinetic sampling method every six months.**
- **PM results to be compared fortnightly (Friday) at 10 am with standard isokinetic sampling method.**
- **CEMS port location.**
- **Calibration of entire CEMS not just analysers.**
- **Zero and span drift to be checked every Friday at 10 am.**
- **Zero drift to be checked daily at 10 am.**
- **DOAS/NDUV/NDIR instruments to be revalidated quarterly.**
- **CEMS-Gas Instruments must have provision for R.C.**

Emergency Response Centre

(M.P. Pollution Control Board)

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