

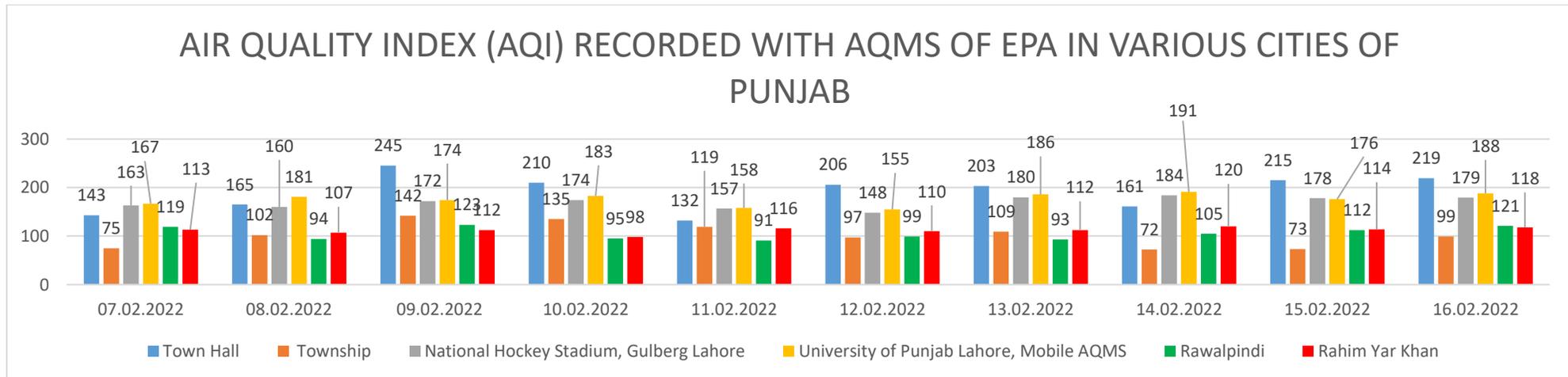


AIR QUALITY INDEX (AQI) RECORDED WITH AQMS OF EPA AT VARIOUS CITIES OF PUNJAB 16.02.2022 (BASED ON PREVIOUS 24 HOURS DATA)

Station name	Parameter used to calculate AQI	PEQS value $\mu\text{g}/\text{m}^3$	Conc. ($\mu\text{g}/\text{m}^3$) used to calculate AQI		AQI	
			Minimum 8 hours average	Maximum 8 hours average	Minimum AQI	Maximum AQI
Town Hall, Lahore (Based on 8 hours maximum average value recorded in last 24 hours (16:00pm to 23:00pm))	Carbon Monoxide (CO)	5 (mg/m^3)	6.11	12.82	122	219
C2 sector, Block 1, Township, Lahore 31.438641,72.95934	Oxides of Nitrogen (NO_x)	80	79.35		99	
National Hockey Stadium, Gulberg Lahore	Respirable Particulate Matter ($\text{PM}_{2.5}$)	35	111		179	
CEES, University of Punjab, Lahore (Mobile AQMS) 31.496625,74.295244	Respirable Particulate Matter ($\text{PM}_{2.5}$)	35	123		188	
Rawalpindi 33.6028559, 73.0231589	Respirable Particulate Matter (PM_{10})	150	192		121	
Rahim Yar Khan 28.4314887N 70.3115618E	Respirable Particulate Matter ($\text{PM}_{2.5}$)	35	41.7		118	

AQI limits of EPA, Punjab

0-50	Good
51-100	Satisfactory
101-150	Moderate
151-200	Unhealthy for sensitive group
201-300	Unhealthy
301-400	Very unhealthy
401-500	Hazardous



Note: i. The mobile van is parked at CEES, University of Punjab, Lahore.

ii. The report prepared based on instruments generated data and AQI of Lahore calculated based on revised breakpoints of EPA Punjab.

iii. At present, the concentrations of respirable fine dust particles and Oxides of nitrogen is exceeding the standards of environment protection department which is mainly contributing to the air pollution and high AQI. The data pattern shows automobile emission is major contributory in raised air pollution.

Disclaimer: Any other data from any source presenting ambient air quality of any city of Punjab is neither verified nor approved by the EPA Punjab