

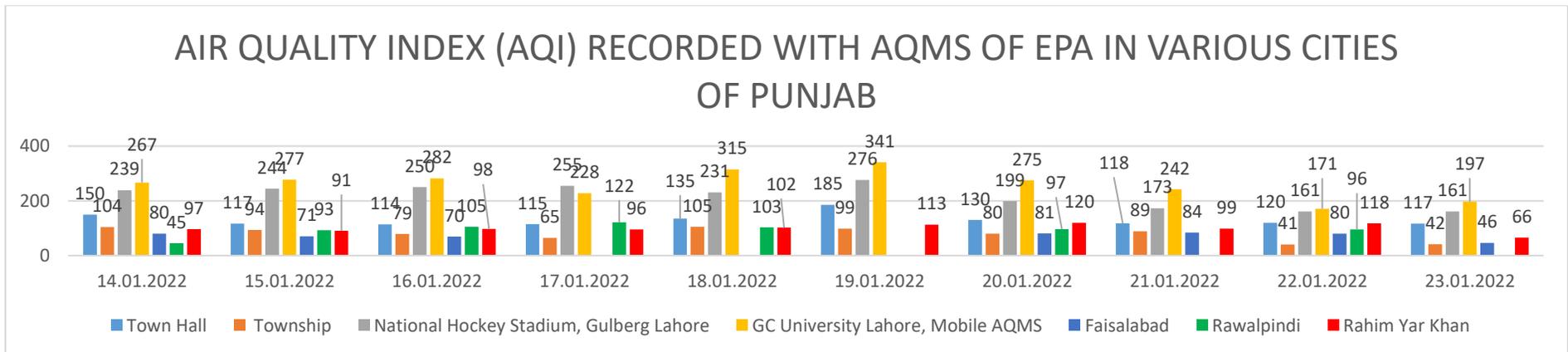


AIR QUALITY INDEX (AQI) RECORDED WITH AQMS OF EPA AT VARIOUS CITIES OF PUNJAB 23.01.2022 (BASED ON PREVIOUS 24 HOURS DATA)

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/m³)	Minimum 8 hours average	Maximum 8 hours average	Minimum AQI	Maximum AQI
			5.25	5.90	104	117
C2 sector, Block 1, Township, Lahore 31.438641,72.95934	Oxides of Nitrogen (NO _x)	80	33.47		42	
National Hockey Stadium, Gulberg Lahore	Respirable Particulate Matter (PM _{2.5})	35	85		161	
GC University, Lahore (Mobile AQMS) 31.496625,74.295244	Respirable Particulate Matter (PM _{2.5})	35	136		197	
Faisalabad 31.654412N, 73.083564E	Respirable Particulate Matter (PM ₁₀)	150	69		46	
Rawalpindi 33.6028559, 73.0231589	Respirable Particulate Matter (PM ₁₀)	150			Data not received due to technical issue	
Rahim Yar Khan 28.4314887N 70.3115618E	Respirable Particulate Matter (PM _{2.5})	35	23.2		66	

AQI limits of EPA, Punjab

0-50	Very Good
51-100	Good
101-150	satisfactory
151-200	Moderately polluted
201-300	Poor
301-400	Very Poor
400-onward	severe



Note: i. The mobile van is parked at GC University, 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