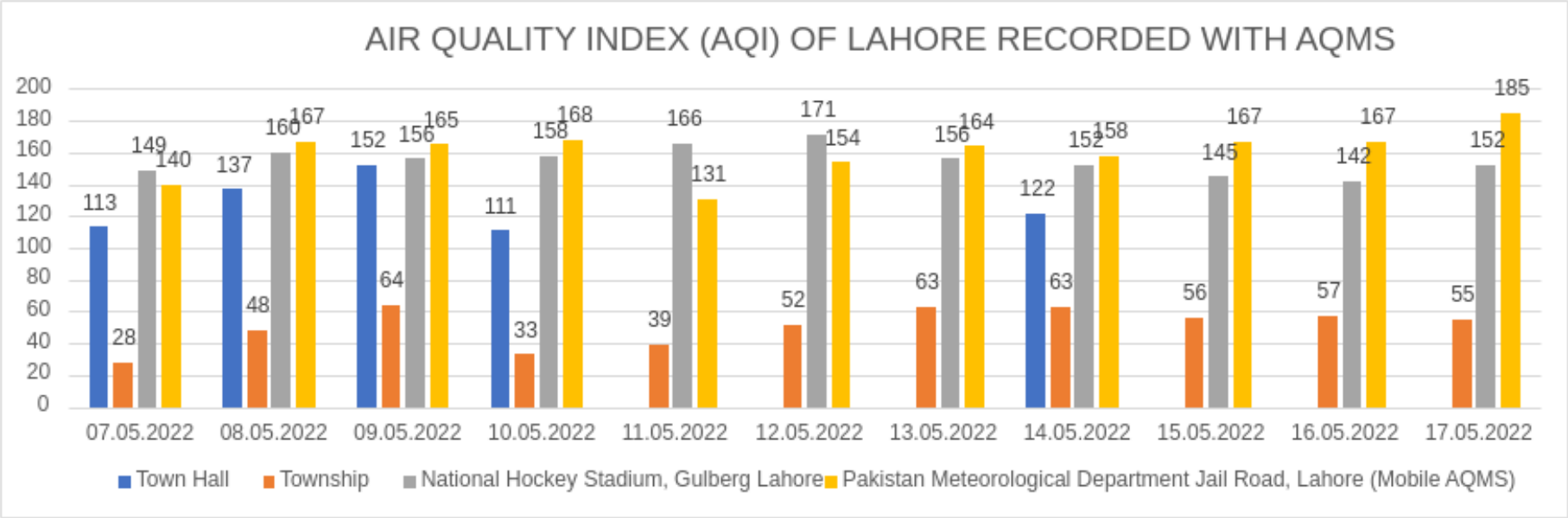
AIR QUALITY INDEX (AQI) OF LAHORE RECORDED WITH AQMS ON 17.05.2022 (BASED ON PREVIOUS 24 HOURS DATA)

Station name	Parameter used to calculate AQI	PEQS value µg/m³	Conc. (µg/m³) used to calculate AQI		AQI	
Town Hall, Lahore (Based on 8 hours maximum average value recorded in last 24 hours (16:00pm to 23:00 pm))	Carbon Monoxide (CO)	**5 (mg/m3)**	Minimum 8 hours average	Maximum 8 hours average	Minimum AQI	Maximum AQI
					Data not available due to technical issues	
C2 sector, Block 1, Township, Lahore	Oxides of Nitrogen (NOx)	**80**	**44**		**55**	
National Hockey Stadium, Gulberg Lahore	Respirable Particulate Matter ($PM_{2.5}$)	**35**	72		**152**	
Pakistan Meteorological Department Jail Road, Lahore **(Mobile AQMS)**	Respirable Particulate Matter ($PM_{2.5}$)	**35**	**119**		**185**	

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 Pakistan Meteorological Department Jail Road, 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