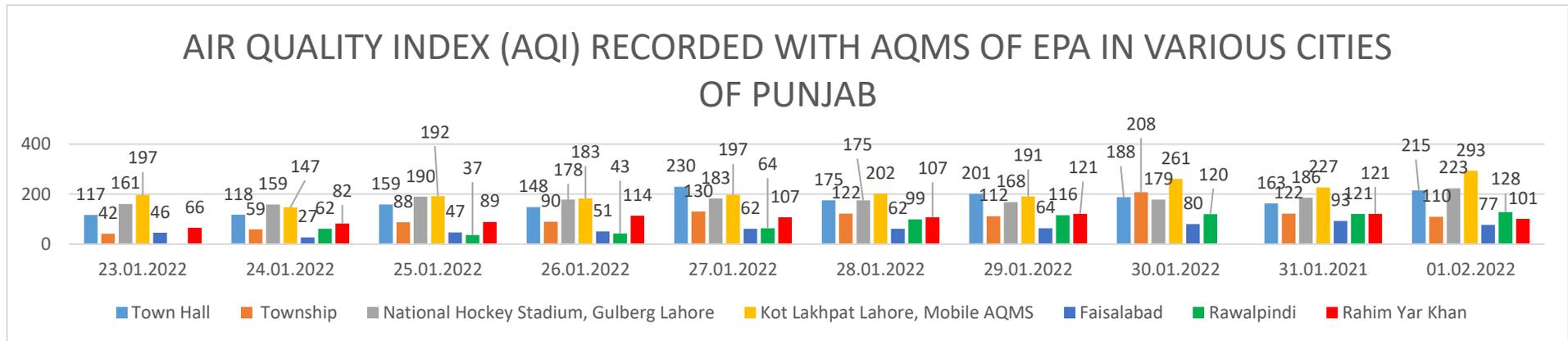AIR QUALITY INDEX (AQI) RECORDED WITH AQMS OF EPA AT VARIOUS CITIES OF PUNJAB 01.02.2022 (BASED ON PREVIOUS 24 HOURS DATA)

| 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 23:00pm)) | Carbon Monoxide (CO) | 5 (mg/m3) | Minimum 8 hours average | Maximum 8 hours average | Minimum AQI | Maximum AQI |
| | | | 5.43 | 12.17 | **108** | **215** |
| C2 sector, Block 1, Township, Lahore 31.438641,72.95934 | Oxides of Nitrogen (NO$_x$) | 80 | 89.60 | | 110 | |
| National Hockey Stadium, Gulberg Lahore | Respirable Particulate Matter (PM$_{2.5}$) | 35 | 165 | | 223 | |
| Kot Lakhpat Industrial Area, Lahore (Mobile AQMS) 31.496625,74.295244 | Respirable Particulate Matter (PM$_{2.5}$) | 35 | 243 | | 293 | |
| Faisalabad 31.654412N, 73.083564E | Respirable Particulate Matter (PM$_{10}$) | 150 | 115 | | 77 | |
| Rawalpindi 33.6028559, 73.0231589 | Respirable Particulate Matter (PM$_{10}$) | 150 | 206 | | 128 | |
| Rahim Yar Khan 28.4314887N 70.3115618E | Respirable Particulate Matter (PM$_{2.5}$) | 35 | 36 | | 101 | |

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 |



AIR QUALITY INDEX (AQI) RECORDED WITH AQMS OF EPA IN VARIOUS CITIES OF PUNJAB

Note: i. The mobile van is parked at Kot Lakhpat Industrial Area, 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**