



PUNJAB WEEKLY AIR QUALITY REPORT

*A guide for Deputy
Commissioners to
manage air quality*

18th -24th October 2025

*Currently for 18 districts with
the live air quality monitoring
system*



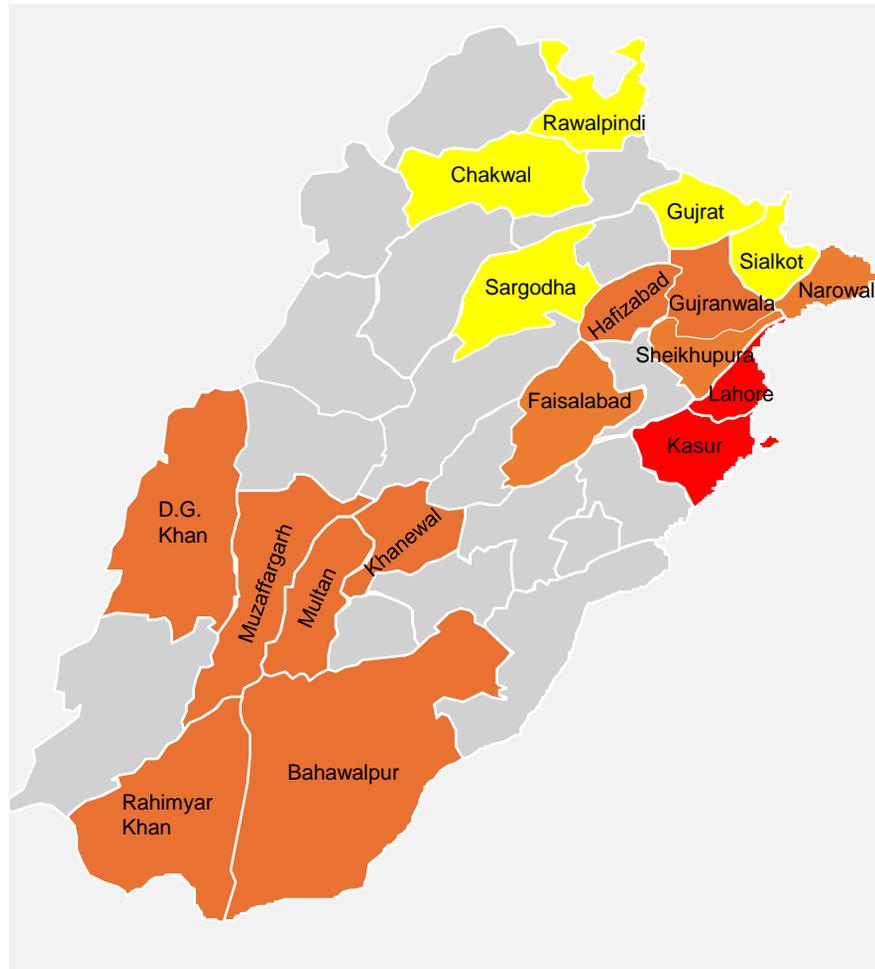
**Directorate of Monitoring
Lab & Implementation**

Average Provincial AQI



137

Moderate



Chatbot for
instant AQI
readings
and safety
guidelines
for citizens



Citizen helpline
for complaints
and feedback

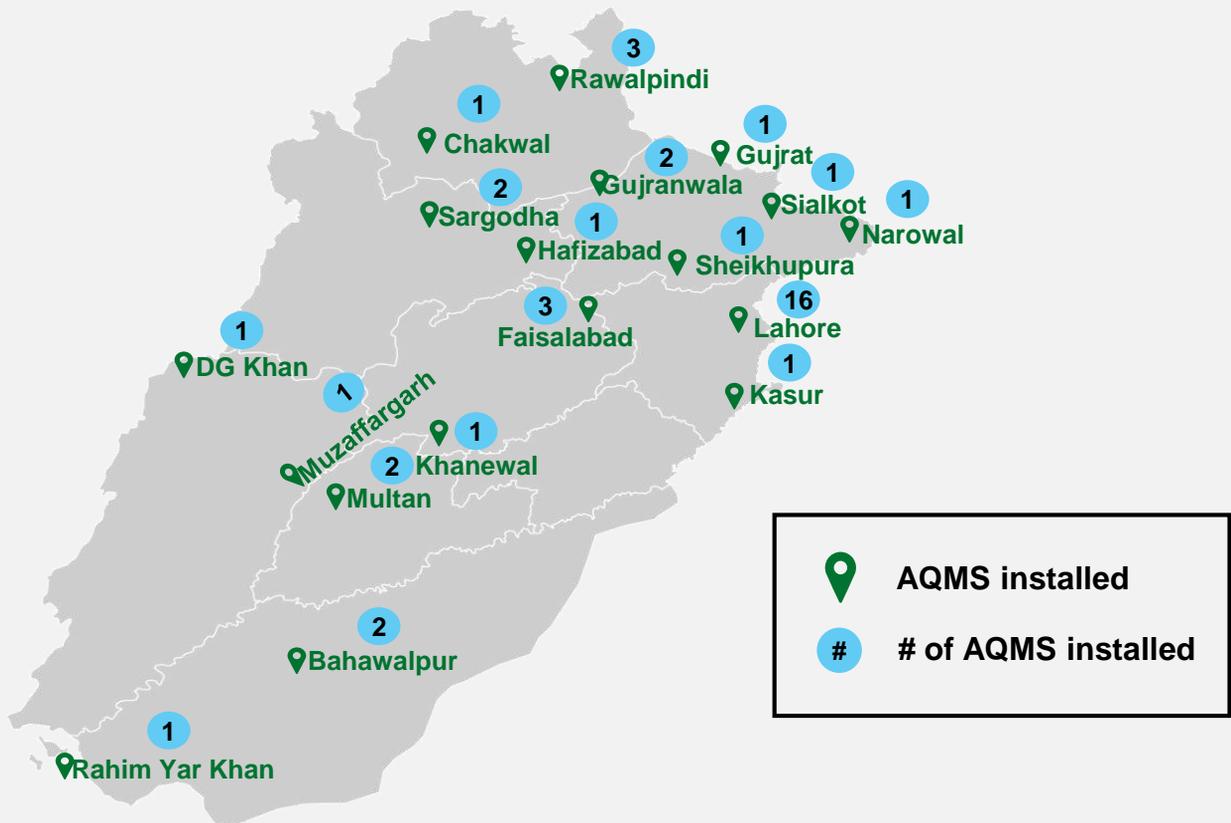
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How this report was developed:

EP&CCD monitors air quality across **18 districts** on an **hourly basis**, using **state-of-the-art monitors** placed at multiple localities.

Data gathered from these **monitors** has been **utilised** to **rank** the 'air quality index' across **districts**.



How this report should be read:

The report first gives a **snapshot** of your district's situation in **comparison** to others.

The following sections gives an **individual assessment** of each district, starting from its **weekly average air quality index**, followed by a **daily breakdown**.

The **daily breakdown** will allow you to understand which **time periods** must be prioritised for **strict action** to protect citizens.

How this report should be utilised:

You must utilise the individual assessment of your district to take **localised action** in **collaboration** with the **EPA District Environment Officer**.

WEEKLY DISTRICT RANKING: AIR QUALITY INDEX

18th -24th October 2025

District Ranking (Air Quality Index) 18th -24th Oct



| # | District | Average AQI |
|----|----------------|-------------|
| 1 | Kasur | 244 |
| 2 | Lahore | 214 |
| 3 | Sheikhupura | 198 |
| 4 | Khanewal | 197 |
| 5 | Faisalabad | 192 |
| 6 | DG Khan | 183 |
| 7 | Narowal | 181 |
| 8 | Rahim Yar Khan | 179 |
| 9 | Gujranwala | 166 |
| 10 | Hafizabad | 166 |
| 11 | Multan | 159 |
| 12 | Muzafargargh | 154 |
| 13 | Bahawalpur | 151 |
| 14 | Sargodha | 150 |
| 15 | Sialkot | 146 |
| 16 | Gujrat | 130 |
| 17 | Rawalpindi | 125 |
| 18 | Chakwal | 118 |

Recommendations to Deputy Commissioner

- AQI levels are **highest** at night and early morning
- Restrict **construction and limit entry of HTVs** during night and early morning hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|------------|------------|------------|------------|------------|------------|------------|
| 18-Oct Sat | 19-Oct Sun | 20-Oct Mon | 21-Oct Tue | 22-Oct Wed | 23-Oct Thu | 24-Oct Fri |
|------------|------------|------------|------------|------------|------------|------------|

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| | | | |
|--------|-----|-----|-----|
| 18 Oct | 193 | 191 | 212 |
| 19 Oct | 264 | 234 | 232 |
| 20 Oct | 256 | 268 | 206 |
| 21 Oct | 368 | 248 | 189 |
| 22 Oct | 279 | 231 | 200 |
| 23 Oct | 315 | 224 | 234 |
| 24 Oct | 359 | 194 | 226 |



Weekly Average AQI:

214

Unhealthy

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days

187

214

211

210

209

214

251

18-Oct
sat

19-Oct
sun

20-Oct
mon

21-Oct
tue

22-Oct
wed

23-Oct
thu

24-Oct
fri

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

18 Oct

214

177

171

19 Oct

264

204

175

20 Oct

240

227

166

21 Oct

246

202

182

22 Oct

244

198

185

23 Oct

239

213

191

24 Oct

292

261

200

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



Weekly Average AQI:

198

Unhealthy for sensitive groups

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days

183

186

173

188

188

203

278

18-Oct
sat

19-Oct
sun

20-Oct
mon

21-Oct
tue

22-Oct
wed

23-Oct
thu

24-Oct
fri

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

18 Oct

193

161

19 Oct

219

166

174

20 Oct

163

188

21 Oct

200

179

185

22 Oct

193

192

178

23 Oct

234

185

190

24 Oct

329

277

229

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)

Weekly Average AQI: **197** Unhealthy for Sensitive Groups

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours

Night
12 AM - 7 AM

Morning
8 AM - 3 PM

Evening
4 PM - 11 PM

| | | | |
|--------|-----|-----|-----|
| 18 Oct | 163 | 185 | 175 |
| 19 Oct | 225 | 187 | 181 |
| 20 Oct | 202 | 188 | 194 |
| 21 Oct | 269 | 197 | 182 |
| 22 Oct | 211 | 232 | 178 |
| 23 Oct | 229 | 191 | 175 |
| 24 Oct | 229 | 178 | 165 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



18th-24th Oct

Recommendations to Deputy Commissioner

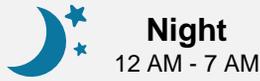
- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours



| | | | |
|--------|-----|-----|-----|
| 18 Oct | 191 | 179 | 177 |
| 19 Oct | 202 | 214 | 184 |
| 20 Oct | 252 | 248 | 137 |
| 21 Oct | 183 | 184 | 158 |
| 22 Oct | 214 | 184 | 159 |
| 23 Oct | 176 | 182 | 160 |
| 24 Oct | 233 | 260 | 150 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| | | | |
|--------|-----|-----|-----|
| 18 Oct | 170 | 156 | 152 |
| 19 Oct | 190 | 165 | 158 |
| 20 Oct | 198 | 229 | 185 |
| 21 Oct | 180 | 153 | 162 |
| 22 Oct | 175 | 197 | 166 |
| 23 Oct | 169 | 165 | 170 |
| 24 Oct | 276 | 253 | 176 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+¹⁰
(Hazardous)



Weekly Average AQI: **181** Unhealthy for Sensitive Groups

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours

Night
12 AM - 7 AM

Morning
8 AM - 3 PM

Evening
4 PM - 11 PM

| | | | |
|--------|-----|-----|-----|
| 18 Oct | 187 | 165 | 175 |
| 19 Oct | 198 | 141 | 174 |
| 20 Oct | 194 | 179 | 179 |
| 21 Oct | 198 | 185 | 170 |
| 22 Oct | 197 | 184 | 177 |
| 23 Oct | 213 | 207 | 189 |
| 24 Oct | 177 | 125 | 183 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+¹
(Hazardous)



(18th – 24th October 2025)

Recommendations to Deputy Commissioner

- AQI peaks at night and early morning
- Restrict HTV movement and construction work during night hours

Daily Average AQI in the Past 7 Days

162

155

166

182

194

191

204

18-Oct
sat

19-Oct
sun

20-Oct
mon

21-Oct
tue

22-Oct
wed

23-Oct
thu

24-Oct
fri

Daily AQI Across the Hours

 **Night**
12 AM - 7 AM

 **Morning**
8 AM – 3 PM

 **Evening**
4 PM – 11 PM

18 Oct

165

172

149

19 Oct

164

152

149

20 Oct

164

169

166

21 Oct

187

174

186

22 Oct

205

195

183

23 Oct

198

186

190

24 Oct

207

211

195

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



18-Oct 19-Oct 20-Oct 21-Oct 22-Oct 23-Oct 24-Oct

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

18 Oct

167

163

155

19 Oct

185

180

155

20 Oct

169

177

152

21 Oct

105

166

152

22 Oct

163

163

160

23 Oct

178

173

163

24 Oct

205

198

165

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+¹³
(Hazardous)

Weekly Average AQI: **166** Unhealthy for Sensitive Groups

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| Date | Night (12 AM - 7 AM) | Morning (8 AM - 3 PM) | Evening (4 PM - 11 PM) |
|--------|----------------------|-----------------------|------------------------|
| 18 Oct | 172 | 168 | 160 |
| 19 Oct | 191 | 159 | 144 |
| 20 Oct | 194 | | 178 |
| 21 Oct | 179 | 171 | 166 |
| 22 Oct | 171 | 161 | 178 |
| 23 Oct | 179 | 142 | 160 |
| 24 Oct | 191 | 238 | 191 |



18th – 24th October 2025

Recommendations to Deputy Commissioner

- Air quality is generally moderate with slight rise at night and early morning.
- Reduce nighttime traffic congestion to keep levels stable.

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| Date | Night (12 AM - 7 AM) | Morning (8 AM - 3 PM) | Evening (4 PM - 11 PM) |
|--------|----------------------|-----------------------|------------------------|
| 18 Oct | 153 | 154 | 147 |
| 19 Oct | 182 | 168 | 153 |
| 20 Oct | 174 | 176 | 147 |
| 21 Oct | 157 | 144 | 148 |
| 22 Oct | 191 | 210 | 144 |
| 23 Oct | 167 | 118 | 128 |
| 24 Oct | 162 | 204 | 121 |



Weekly Average AQI: **154** Unhealthy for Sensitive Groups

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

18 Oct

149

144

146

19 Oct

167

141

152

20 Oct

166

160

154

21 Oct

133

142

153

22 Oct

156

158

146

23 Oct

168

160

159

24 Oct

146

163

164

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



Weekly Average AQI: **151** (Unhealthy for sensitive groups)

(18th – 24th October 2025)

Recommendations to Deputy Commissioner

- AQI peaks at night and early morning
- Restrict HTV movement and construction work during night hours

Daily Average AQI in the Past 7 Days

| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 143 | 148 | 148 | 162 | 172 | 134 | 149 |
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |

Daily AQI Across the Hours

Night
12 AM - 7 AM

Morning
8 AM – 3 PM

Evening
4 PM – 11 PM

| | | | |
|--------|------------|------------|------------|
| 18 Oct | 144 | 146 | 139 |
| 19 Oct | 158 | 152 | 135 |
| 20 Oct | 163 | 151 | 130 |
| 21 Oct | 163 | 165 | 157 |
| 22 Oct | 179 | 179 | 159 |
| 23 Oct | 134 | 137 | 130 |
| 24 Oct | 133 | 189 | 124 |



Weekly Average AQI: **150** Moderate

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days

| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 141 | 147 | 152 | 141 | 139 | 152 | 181 |
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| | | | |
|--------|------------|------------|------------|
| 18 Oct | 151 | 143 | 128 |
| 19 Oct | 163 | 152 | 125 |
| 20 Oct | 162 | 157 | 136 |
| 21 Oct | 161 | 136 | 127 |
| 22 Oct | 147 | 138 | 133 |
| 23 Oct | 147 | 171 | 139 |
| 24 Oct | 171 | 221 | 150 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



Weekly Average AQI: **146** Moderate

18th-24th Oct

Recommendations to Deputy Commissioner

- AQI levels are higher at night and early morning
- Restrict **HTV movement and construction work** during night hours

Daily Average AQI in the Past 7 Days



| | | | | | | |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| | | | |
|--------|-----|-----|-----|
| 18 Oct | 155 | 125 | 147 |
| 19 Oct | 153 | 107 | 146 |
| 20 Oct | 169 | 131 | 146 |
| 21 Oct | 144 | 124 | 125 |
| 22 Oct | 158 | 126 | 139 |
| 23 Oct | 167 | 137 | 158 |
| 24 Oct | 172 | 185 | 145 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



18th – 24th October 2025

Recommendations to Deputy Commissioner

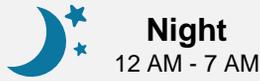
- Air quality is worse in the afternoon.
- Limit vehicle emissions and construction work during these hours.

Daily Average AQI in the Past 7 Days



| | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

Daily AQI Across the Hours



| | | | |
|--------|------------|------------|------------|
| 18 Oct | 137 | 121 | 157 |
| 19 Oct | 126 | 105 | 133 |
| 20 Oct | 122 | 140 | 144 |
| 21 Oct | 105 | 121 | 154 |
| 22 Oct | 98 | 122 | 166 |
| 23 Oct | 104 | 160 | 130 |
| 24 Oct | 85 | 152 | 152 |



Weekly Average AQI: **125** Moderate

18th – 24th October 2025

Recommendations to Deputy Commissioner

- Air quality is generally moderate with slight rise at night and early morning.
- Reduce nighttime traffic congestion to keep levels stable.

Daily Average AQI in the Past 7 Days

136 **125** **123** **122** **119** **117** **136**

18-Oct sat 19-Oct sun 20-Oct mon 21-Oct tue 22-Oct wed 23-Oct thu 24-Oct fri

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM - 3 PM



Evening
4 PM - 11 PM

| Date | Night (12 AM - 7 AM) | Morning (8 AM - 3 PM) | Evening (4 PM - 11 PM) |
|--------|----------------------|-----------------------|------------------------|
| 18 Oct | 142 | 127 | 139 |
| 19 Oct | 131 | 122 | 112 |
| 20 Oct | 130 | 122 | 116 |
| 21 Oct | 128 | 120 | 118 |
| 22 Oct | 131 | 112 | 115 |
| 23 Oct | 127 | 106 | 117 |
| 24 Oct | 119 | 172 | 118 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+²¹
(Hazardous)



Weekly Average AQI: **118** Moderate

18th – 24th October 2025

Recommendations to Deputy Commissioner

- Air quality is worse at night and sometimes in the afternoon.
- Control dust and vehicle emissions during these hours.

Daily Average AQI in the Past 7 Days



| | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 18-Oct sat | 19-Oct sun | 20-Oct mon | 21-Oct tue | 22-Oct wed | 23-Oct thu | 24-Oct fri |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|

Daily AQI Across the Hours



Night
12 AM – 7 AM



Morning
8 AM – 3 PM



Evening
4 PM – 11 PM

| | | | |
|--------|------------|------------|------------|
| 18 Oct | 122 | 118 | 136 |
| 19 Oct | 150 | 129 | 104 |
| 20 Oct | 152 | 125 | 133 |
| 21 Oct | 80 | 109 | 123 |
| 22 Oct | 109 | 113 | 88 |
| 23 Oct | 90 | 93 | 113 |
| 24 Oct | 119 | 142 | 138 |

0-50
(Good)

51-100
(Satisfactory)

101-150
(Moderate)

151-200
(Unhealthy for sensitive groups)

201-300
(Unhealthy)

301-400
(Very Unhealthy)

400+
(Hazardous)



Desired Response from Deputy Commissioner

(based on AQI)

| 0-50 (Good) | 51-100 (Satisfactory) | 101-150 (Moderate) | 151-200 (Unhealthy for sensitive groups) |
|----------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <ol style="list-style-type: none"> 1. Issue AQI forecasts (DG EPA, Central Control Room) Monitor industries, issue legal notices (EPA Field Offices, DO Industries) 2. Awareness campaigns for industries/public (DG EPA, DG PR). Check vehicle emissions/ETS/VICS (DRTA, Traffic Police, EPA). 3. Awareness for farmers on crop burning (Agri. Extension Dept., Market Committees). 4. Train healthcare staff & prepare hospitals (District Health Officer, Social Security Dept.) 5. Sprinkling roads, control trash burning, timely waste disposal (Municipal Corporations/WMCs, C&W). 6. Compliance of SOPs for Sand / Clay / Soil carrying Trolleys (DD Mines & Minerals, Traffic Police) 7. Identification of traffic hotspots and development of traffic (congestion) management strategy 8. (Traffic Police) | <ol style="list-style-type: none"> 1. Strict Enforcement against polluting units (EPA, DO Industries, DSP). 2. Traffic management, illegal parking & remove encroachments (Traffic Police, District Administration). 3. Public awareness along roads (DG EPA, Agriculture Department, DG PR). 4. Schools to sensitize children, avoid hotspots (Education Dept., EPA). 5. In case of high concentration of criteria pollution, evacuate / avoid inflow towards hot-spots (Education, EPA, Traffic) 6. Hospitals: designate CAPE wards, ensure medicines & R&D (Health Dept., Social Welfare Hospitals). 7. Impound smoke-emitting vehicles (DRTA, Traffic Police). 8. Register FIRs for crop burning (Assistant Commissioner, Agri. Extension). 9. Reduce work hours for vulnerable workers (Labour Dept., Industries, Social Welfare) |

Desired Response from Deputy Commissioner

(based on AQI)

| 201-300 (Unhealthy) | 301-400 (Very Unhealthy) | 400+ (Hazardous) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none"> 1. Issue CAPE-warning (DG EPA, PCC). 2. Stop major construction (EPA Field Offices, District Admin). 3. Cease non-compliant industries (EPA, DO Industries). 4. Road sprinkling (at least 2x / day), enforce municipal laws to prevent solid waste burning (Municipal Corporations/WMCs) 5. Ban vehicles without VICS (DRTA, Traffic Police). 6. Shift school/work timings during peak traffic hours (Education Dept., District Admin). 7. Establish health camps, ensure supplies (District Health Officer, Social Welfare Hospitals). 8. Crop burning surveillance (Agri. Extension, Assistant Commissioner). | <ol style="list-style-type: none"> 1. Stop all construction (EPA Field Offices, District Admin, C&W, Development Authorities). 2. Reduce work hours/production in industries (Dist. Admin, EPA, DO Industries). 3. Zero tolerance for crop burning (Agri. Extension, Assistant Commissioner). 4. Road sprinkling (2x / day) & enforce municipal laws to prevent open burning of waste (Municipal Corporations/WMCs) 5. Hybrid/home study for primary schools and alternative for middle school (DCC, Education Dept.) 6. Close emission-intensive industries (EPA, DO Industries, DSP). 7. Daily health reporting, free medical camps (District Health Officer, Social Welfare Hospitals). | <ol style="list-style-type: none"> 1. Close all schools in CAPE-hit areas (DCC, Education Dept.) 2. Relieve vulnerable workers with paid leave (Labour Dept., Industries) 3. Ban unfit vehicles, impound excessive smoke emitters (DRTA, Traffic Police) 4. Declare health emergency in hospitals, special wards for vulnerable groups (District Health Officer, Social Security/Welfare Hospitals) 5. Strict zero tolerance to crop burning (Agri. Extension, Assistant Commissioner) 6. Continue daily reporting & free health camps (District Health Officer, DCC) |

Health Guidelines for Citizens

(based on AQI)

| 0-50 (Good) | 51-100 (Satisfactory) | 101-150 (Moderate) | 151-200 (Unhealthy for sensitive groups) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | <ol style="list-style-type: none"> 1. Check AQI before outdoor activities. 2. Monitor health vitals (oxygen, BP, etc.). 3. Consult doctor if respiratory issues. 4. Eat healthy, avoid smoking. 5. Reduce outdoor exertion. 6. Keep nebulizers/emergency kits ready. | <ol style="list-style-type: none"> 1. Wear face masks outdoors. 2. Restrict children from playing outdoors. 3. Avoid unnecessary travel. 4. Elderly minimize outdoor exposure. 5. Keep doors/windows closed. 6. COPD & CVD patients use masks as per doctor's advice. |
| 201-300 (Unhealthy) | 301-400 (Very Unhealthy) | 400+ (Hazardous) | |
| <ol style="list-style-type: none"> 1. Wear N95 masks outdoors. 2. Stay at home as much as possible. 3. Avoid outdoor exertion. 4. Regularly check AQI & health vitals. 5. Bar children from outdoor activities. 6. COPD & CVD patients use prescribed masks. | <ol style="list-style-type: none"> 1. Stay indoors. 2. Limit exercise; shift to indoor workouts. 3. Use N95 masks & goggles if going out. 4. Regularly check AQI & vitals. 5. COPD & CVD patients use prescribed masks. | <ol style="list-style-type: none"> 1. Stay indoors. 2. Use N95 masks & protective goggles when outside is unavoidable. 3. Use air purifiers at home. 4. Frequently monitor health vitals (oxygen, BP, etc.). | |