



PUNJAB WEEKLY AIR QUALITY REPORT

*A guide for Deputy
Commissioners to
manage air quality*

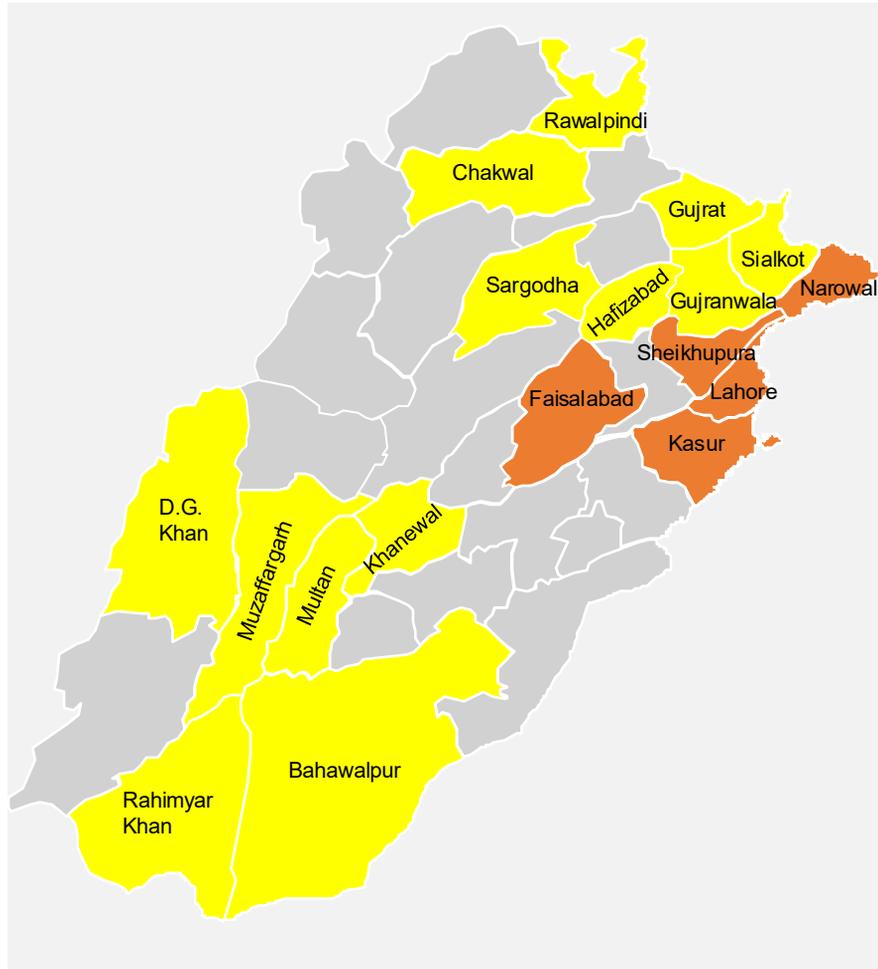
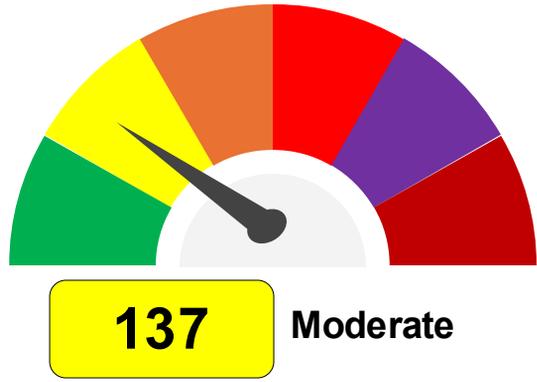
10th – 17th October 2025

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

EPA
ادارہ تحفظ ماحول حکومت پنجاب
An ISO Certified Agency

**Directorate of Monitoring
Lab & Inspection**

Average Provincial AQI



Chatbot for
instant AQI
readings
and safety
guidelines
for citizens



Citizen helpline
for complaints
and feedback

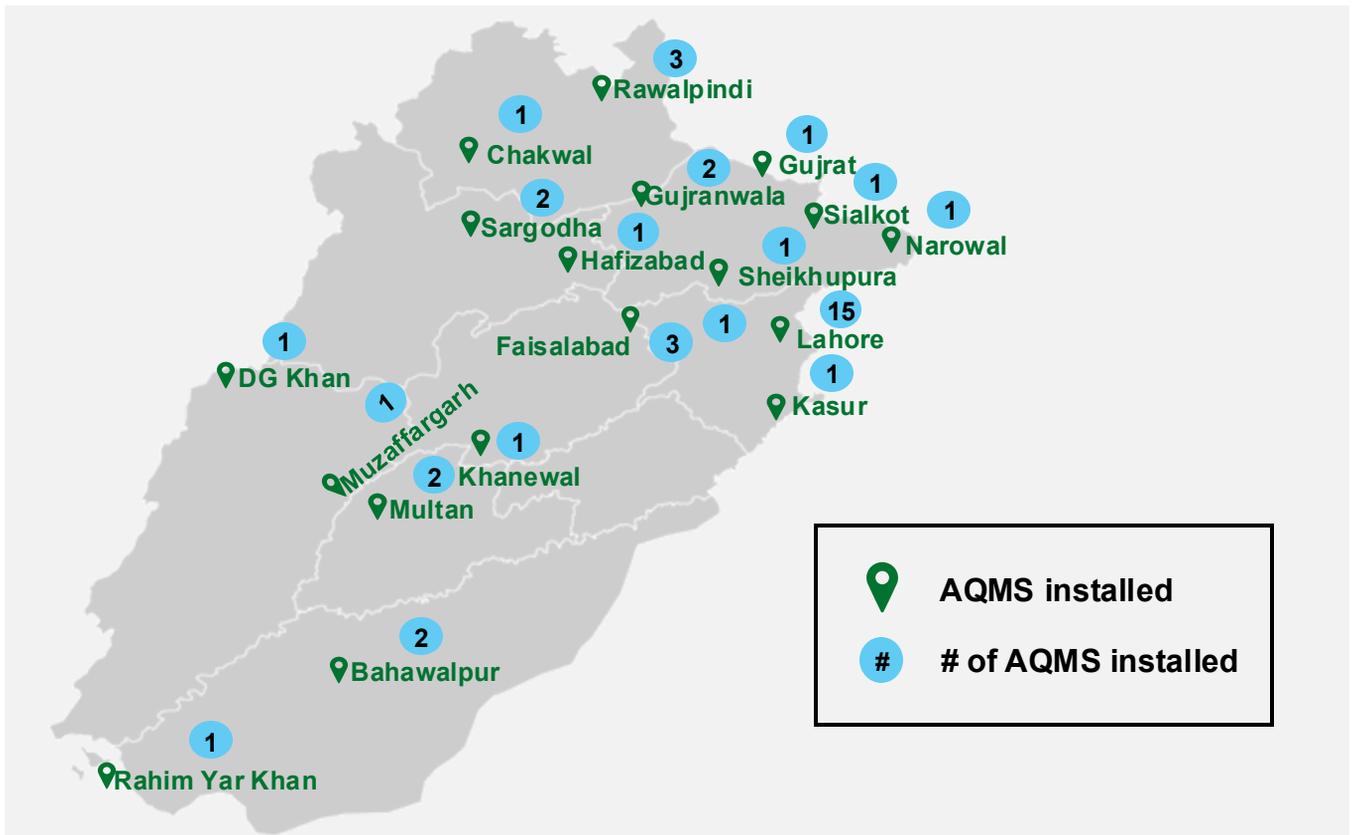
CONTENTS

Title	Page No.
1. Guide to Using Weekly Report	3
2. Average Weekly District Performance	4
3. Kasur	5
4. Lahore	6
5. Sheikhupura	7
6. Faisalabad	8
7. Narowal	9
8. Khanewal	10
9. Gujranwala	11
10. D.G Khan	12
11. Hafizabad	13
12. Muzaffargarh	14
13. Sargodha	15
14. Sialkot	16
15. Chakwal	17
16. Multan	18
17. Gujrat	19
18. Rawalpindi	20
19. R.Y Khan	21
20. Bahawalpur	22
21. Desired Response from Deputy Commissioner	23-24
22. Health Guidelines for Citizens	25

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.

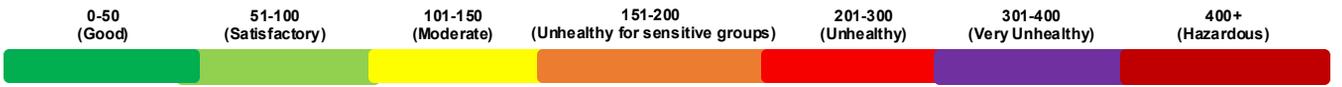
How this report should be utilised:

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

10th – 17th October 2025

District Ranking (Air Quality Index) (10th – 17th Oct)



#	District	Average AQI
1	Kasur	191
2	Lahore	165
3	Sheikhupura	157
4	Faisalabad	152
5	Narowal	151
6	Khanewal	148
7	Gujranwala	141
8	DG Khan	139
9	Hafizabad	136
10	Muzaffargarh	135
11	Sargodha	125
12	Sialkot	125
13	Chakwal	122
14	Multan	119
15	Gujrat	117
16	Rawalpindi	116
17	Rahim Yar Khan	114
18	Bahawalpur	109

Weekly Average AQI: **191** Unhealthy for Sensitive Groups

(10th – 17th October 2025)

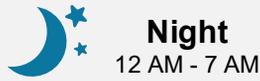
Recommendations to Deputy Commissioner

- 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



Daily AQI Across the Hours



Date	Night (12 AM - 7 AM)	Morning (8 AM - 3 PM)	Evening (4 PM - 11 PM)
10 Oct	231	197	154
11 Oct	172	169	180
12 Oct		167	177
13 Oct	277	244	182
14 Oct	232	212	
15 Oct	182	181	173
16 Oct	258	256	186
17 Oct	292	263	193



Weekly Average AQI: **165** Unhealthy for Sensitive Groups

(10th – 17th October 2025)

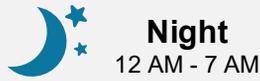
Recommendations to Deputy Commissioner

- 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



Daily AQI Across the Hours



Date	Night (12 AM - 7 AM)	Morning (8 AM - 3 PM)	Evening (4 PM - 11 PM)
10 Oct	168	159	140
11 Oct	157	131	146
12 Oct		160	148
13 Oct	177	180	152
14 Oct	212	218	
15 Oct	211	206	162
16 Oct	233	203	175
17 Oct	241	202	168



Weekly Average AQI: **157** Unhealthy for Sensitive Groups

(10th – 17th October 2025)

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



Daily AQI Across the Hours

	Night 12 AM - 7 AM	Morning 8 AM - 3 PM	Evening 4 PM - 11 PM
10 Oct	157	147	158
11 Oct	149		154
12 Oct		151	162
13 Oct	172	168	160
14 Oct	211	193	
15 Oct	226	239	176
16 Oct	209	209	178
17 Oct	214	167	168



Weekly Average AQI: **152** Unhealthy for Sensitive Groups

(10th – 17th October 2025)

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



Daily AQI Across the Hours

	Night 12 AM - 7 AM	Morning 8 AM – 3 PM	Evening 4 PM – 11 PM
10 Oct	172	157	121
11 Oct	127	41	147
12 Oct		157	160
13 Oct	168	200	143
14 Oct	189	207	
15 Oct	161	169	157
16 Oct	195	203	160
17 Oct	184	184	150



(10th – 17th October 2025)

Recommendations to Deputy Commissioner

- AQI levels rise sharply 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



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)
10 Oct	164	156	149
11 Oct	162	152	155
12 Oct		156	167
13 Oct	187	174	167
14 Oct	175	168	
15 Oct	177	183	
16 Oct	199	182	180
17 Oct	193	189	187



Weekly Average AQI: **148** Moderate

(10th – 17th October 2025)

Recommendations to Deputy Commissioner

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

Average AQI Trend in the Past 7 Days



Daily AQI Trend Across the Hours

	Night 12 AM - 7 AM	Morning 8 AM – 3 PM	Evening 4 PM – 11 PM
10 Oct	167	152	146
11 Oct	133	157	152
12 Oct		151	153
13 Oct	180	166	129
14 Oct	177	158	
15 Oct	157	158	142
16 Oct	205	175	166
17 Oct	189	175	163



Weekly Average AQI: **141** Moderate

(10th – 17th October 2025)

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



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)
10 Oct	139	136	124
11 Oct	120	131	141
12 Oct		134	135
13 Oct	156	147	142
14 Oct	161	170	
15 Oct	228	209	155
16 Oct	163	159	142
17 Oct	171	169	145



Weekly Average AQI: **139** Moderate

(10th – 17th October 2025)

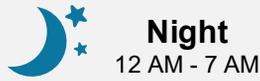
Recommendations to Deputy Commissioner

- 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

142	122	148	142	169	158	155	184
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

Daily AQI Across the Hours



10 Oct	154	154	122
11 Oct	88	125	154
12 Oct		156	140
13 Oct	160	151	115
14 Oct	171	166	
15 Oct	166	155	153
16 Oct	156	174	136
17 Oct	174	194	155



Weekly Average AQI: **136** Moderate

(10th – 17th October 2025)

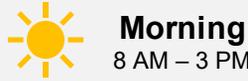
Recommendations to Deputy Commissioner

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

Daily Average AQI in the Past 7 Days



Daily AQI Across the Hours



Date	Night (12 AM - 7 AM)	Morning (8 AM - 3 PM)	Evening (4 PM - 11 PM)
10 Oct	143	126	132
11 Oct	122	136	135
12 Oct		125	125
13 Oct	155	143	127
14 Oct	157	152	
15 Oct	143	175	167
16 Oct	181	169	152
17 Oct	174	163	171



Weekly Average AQI: **135** Moderate

(10th – 17th October 2025)

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



Daily AQI Across the Hours



Date	Night (12 AM - 7 AM)	Morning (8 AM - 3 PM)	Evening (4 PM - 11 PM)
10 Oct	160	155	149
11 Oct	86	133	153
12 Oct		132	155
13 Oct	121	143	165
14 Oct	152	161	
15 Oct	140	134	176
16 Oct	163	174	146
17 Oct	135	153	149



Weekly Average AQI: **125** Moderate

(10th – 17th 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

127	121	116	137	148	145	146	162
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

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)
10 Oct	138	144	99
11 Oct	107	103	152
12 Oct		120	112
13 Oct	147	115	115
14 Oct	132	164	
15 Oct	147	157	130
16 Oct	165	156	118
17 Oct	162	161	126



Weekly Average AQI: **125** Moderate

(10th – 17th 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

112	116	126	155	145	160	150	125
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM – 3 PM



Evening
4 PM – 11 PM

10 Oct	123	120	93
11 Oct	125	98	124
12 Oct		126	125
13 Oct	160	153	152
14 Oct	153	137	
15 Oct	157	173	150
16 Oct	164	144	142
17 Oct	115	134	139



Weekly Average AQI: **122** Moderate

(10th – 17th 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

115	141	111	126	151	174	127	115
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

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)
10 Oct	123	106	115
11 Oct	186	116	122
12 Oct		111	111
13 Oct	115	113	150
14 Oct	159	143	
15 Oct	129	175	217
16 Oct	111	153	117
17 Oct	115	115	122



Weekly Average AQI: **119** Moderate

(10th – 17th 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

127	120	109	121	150	131	139	156
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

Daily AQI Across the Hours

Night
12 AM - 7 AM

Morning
8 AM – 3 PM

Evening
4 PM – 11 PM

10 Oct	137	142	102
11 Oct	107	108	146
12 Oct		113	104
13 Oct	129	133	101
14 Oct	155	148	
15 Oct	144	143	107
16 Oct	154	158	104
17 Oct	154	158	114



Weekly Average AQI: **117** Moderate

(10th – 17th 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

121	115	113	140	115	149	134	120
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

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)
10 Oct	130	117	116
11 Oct	93	116	136
12 Oct		103	123
13 Oct	109	137	173
14 Oct	105	125	
15 Oct	159	140	147
16 Oct	118	133	152
17 Oct	118	121	136



Weekly Average AQI: **116** Moderate

(10th – 17th October 2025)

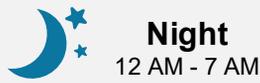
Recommendations to Deputy Commissioner

- 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

108	113	133	119	128	137	141	135
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

Daily AQI Across the Hours



Date	Night (12 AM - 7 AM)	Morning (8 AM - 3 PM)	Evening (4 PM - 11 PM)
10 Oct	137	112	76
11 Oct	131	73	134
12 Oct		140	125
13 Oct	130	109	118
14 Oct	128	128	
15 Oct	127	136	147
16 Oct	140	145	137
17 Oct	138	132	132



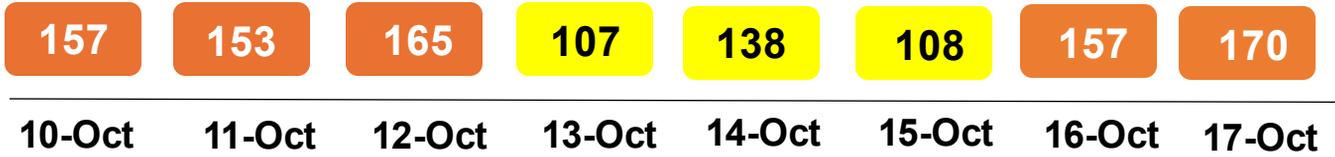
Weekly Average AQI: **114** Moderate

(10th – 17th 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



Daily AQI Across the Hours



Night
12 AM - 7 AM



Morning
8 AM – 3 PM



Evening
4 PM – 11 PM

10 Oct	164		150
11 Oct		151	155
12 Oct		165	164
13 Oct	125	130	65
14 Oct	155	121	
15 Oct	98	117	
16 Oct	190	104	176
17 Oct	159	180	165



Weekly Average AQI: **109** Moderate

(10th – 17th 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

123	114	111	116	141	118	115	120
10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct

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)
10 Oct	117	129	123
11 Oct	102	108	133
12 Oct		109	113
13 Oct	119	106	124
14 Oct	157	125	
15 Oct	133	107	113
16 Oct	123	121	100
17 Oct	122	118	115

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
(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)

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).

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).

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.). 	