

Madhya Pradesh Pollution Control Board

Environment Surveillance Centre

Paryawaran Parisar, E-5, Arera Colony, Bhopal - 462 016 (M.P.)

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No. *26* /HOPCB/ERC/2023

Bhopal, Dt: *10* / *02* /2023

To,

**The Regional Officer
Regional Office,
M. P. Pollution Control Board,
Bhopal/Chhindwara/Gwalior/Indore/Jabalpur/Mandideep/
Pithampur/ Rewa/Sagar/Satna/Shahdol/Singrauli/Ujjain (M.P.)**

Sub : Unsatisfactory Ambient Air Quality of Some Cities during the Year 2022.

Your attention is drawn to the annual ambient air quality status of cities drawn on the basis of continuous ambient air quality monitoring data received at ESC. The analysis of principal pollutants shows that the gaseous parameters, SO₂ and NO_x, are within the prescribed threshold limit. However, the average concentration of PM_{2.5} and PM₁₀ has exceeded the annual standard of 40 ug/m³ and 60 ug/m³ respectively during the year 2022. This ambient air quality is acceptable in no way owing to its adverse health impact. The other related analysis of air quality data is available on website and can be viewed on URL https://erc.mp.gov.in/adminfiles/Amb_Statistics.pdf.

Looking to above it is of vital importance to trace out all the possible causes of exceedance of particulate concentration in the ambient air and formulate a strategy to take corrective measures accordingly to avoid instances of exceedance.

In view of above submit a conclusive report to the Environment Surveillance Centre alongwith findings on possible reasons which attributed to the exceedance of pollution parameters and suggest the remedial measures to formulate the combat strategy. Strictly adopt a zero tolerance approach under your jurisdiction for any infraction.

Encl. : Supporting doc.

Chandra
**Chandra Mohan Thakur (IAS)
Member Secretary**

No. HOPCB/ERC/2023

Bhopal, Dt: / / 2023

Copy to :

The In-charge, Monitoring Section, M.P.P.C.B., Bhopal for information and necessary follow up action.

Chandra
**Chandra Mohan Thakur (IAS)
Member Secretary**

Average Level of PM₁₀ in Cities : year-2022
(Annual Standard - 60 µg/m³)

| City | Regnal Office | PM ₁₀ (µg/m ³) | % Deviation from standard value |
|-------------|---------------|---------------------------------------|---------------------------------|
| Gwalior* | Gwalior | 198.9 | +231.6 |
| Singrauli* | Singrauli | 192.8 | +221.4 |
| Jabalpur | Jabalpur | 143.3 | +138.8 |
| Bhopal* | Bhopal | 142.7 | +137.8 |
| Ujjain | Ujjain | 141.5 | +135.9 |
| Katni* | Jabalpur | 135.1 | +125.1 |
| Indore | Indore | 121.3 | +102.1 |
| Betul | Chhindwara | 116.1 | +93.5 |
| Pithampur | Dhar | 112.7 | +87.8 |
| Mandideep | Mandideep | 106.8 | +78.0 |
| Sagar* | Sagar | 101.5 | +69.1 |
| Ratlam | Ujjain | 95.6 | +59.4 |
| Dewas* | Ujjain | 95.2 | +58.6 |
| Narsinghpur | Jabalpur | 75.8 | +26.3 |

Average Level of PM_{2.5} in Cities : year-2022
(Annual Standard - 40 µg/m³)

| City | RO | PM _{2.5} (µg/m ³) | % Deviation from standard value |
|-------------|------------|--|---------------------------------|
| Gwalior* | Gwalior | 107.6 | +169.1 % |
| Singrauli* | Singrauli | 96.0 | +139.9 % |
| Bhopal* | Bhopal | 63.6 | +59.0 % |
| Katni* | Jabalpur | 61.7 | +54.3 % |
| Jabalpur | Jabalpur | 54.5 | +36.3 % |
| Ujjain | Ujjain | 54.4 | +36.1 % |
| Betul | Chhindwara | 48.0 | +19.9 % |
| Pithampur | Dhar | 46.2 | +15.6 % |
| Sagar* | Sagar | 45.9 | +14.6 % |
| Narsinghpur | Jabalpur | 44.6 | +11.5 % |
| Ratlam | Ujjain | 43.7 | +9.2 % |
| Indore | Indore | 43.1 | +7.6 % |
| Dewas* | Ujjain | 41.7 | +4.2 % |

* Cities with >1 CAAQMS