

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                      | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|----------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                      |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »               | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                      | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                      | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                      | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location             | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 01           | Bhopal,<br>T T Nagar | 2021                   | AQI                       | 161   | 166                 | 185   | 166   | 174             | 146   | 218    | 272                  | 313   | 139   | 268               | 253   | 304   | 314   | 257   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 192   | 199                 | 228   | 183   | 165             | 154   | 218    | 168                  | 201   | 159   | 205               | 269   | 262   | 285   | 228   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 56    | 72                  | 85    | 80    | 82              | 74    | 95     | 112                  | 136   | 65    | 110               | 106   | 125   | 138   | 107   |
|              |                      | 2022                   | AQI                       | 125   | 103                 | 104   | 89    | 94              | 137   | 164    | 195                  | 217   | 123   | 121               | 133   | 150   | 170   | 219   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 128   | 104                 | 106   | 89    | 94              | 156   | 196    | 209                  | 198   | 134   | 132               | 149   | 175   | 184   | 190   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 68    | 53                  | 47    | 42    | 40              | 59    | 57     | 88                   | 95    | 57    | 50                | 57    | 64    | 81    | 96    |
|              |                      | 2023                   | AQI                       | 301   | 227                 | 175   | 160   | 162             | 154   | 133    | 310                  | 336   | 252   | 206               | 254   | 288   | 307   | 308   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 237   | 209                 | 176   | 189   | 187             | 166   | 150    | 217                  | 221   | 187   | 166               | 179   | 187   | 212   | 209   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 121   | 98                  | 82    | 77    | 79              | 76    | 63     | 133                  | 166   | 106   | 92                | 106   | 117   | 129   | 130   |
|              |                      | 2024                   | AQI                       | 183   | 158                 | 152   | 154   | 123             | 135   | 140    | 168                  | 148   | 147   | 157               | 153   | 162   | 214   | 281   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 225   | 187                 | 178   | 180   | 134             | 153   | 160    | 202                  | 172   | 171   | 185               | 179   | 193   | 212   | 241   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 82    | 76                  | 60    | 66    | 51              | 53    | 60     | 72                   | 53    | 51    | 63                | 46    | 73    | 94    | 114   |
|              |                      | 2025                   | AQI                       | 117   | 117                 | 127   | 220   | 199             | 155   | 148    | 142                  | 313   | 138   | 123               | 121   | 141   | 53    | 52    |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 125   | 125                 | 141   | 169   | 162             | 163   | 171    | 163                  | 167   | 130   | 135               | 132   | 125   | 49    | 52    |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 39    | 46                  | 65    | 96    | 90              | 76    | 74     | 64                   | 137   | 71    | 56                | 64    | 72    | 32    | 22    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|--------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                         | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                       | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 02           | Damoh,<br>Shrivastav<br>Colony | 2021                   | AQI                       | 34    | 43                  | 78    | 81    | 72              | 79    | 75     | 69                   | 84    | 60    | 131               | 121   | 117   | 213   | 261   |
|              |                                |                        | PM <sub>10</sub> (µg/m³)  | 34    | 43                  | 45    | 45    | 41              | 41    | 40     | 35                   | 43    | 30    | 58                | 55    | 52    | 87    | -     |
|              |                                |                        | PM <sub>2.5</sub> (µg/m³) | -     | 44                  | 47    | 48    | 43              | 47    | 45     | 42                   | 50    | 36    | 69                | 66    | 65    | 94    | 108   |
|              |                                | 2022                   | AQI                       | 52    | 57                  | 166   | 69    | 80              | 79    | -      | -                    | -     | -     | 69                | 64    | 79    | 115   | 97    |
|              |                                |                        | PM <sub>10</sub> (µg/m³)  | 41    | 54                  | 112   | 60    | 75              | 64    | 42     | -                    | -     | 81    | 67                | 64    | 71    | 83    | 87    |
|              |                                |                        | PM <sub>2.5</sub> (µg/m³) | 31    | 34                  | 80    | 41    | 48              | 48    | 18     | -                    | -     | 40    | 42                | 38    | 48    | 64    | 58    |
|              |                                | 2023                   | AQI                       | 55    | 64                  | 64    | 73    | 89              | 67    | 59     | 52                   | 58    | 39    | 42                | 71    | 81    | 82    | 68    |
|              |                                |                        | PM <sub>10</sub> (µg/m³)  | 46    | 51                  | 60    | 72    | 70              | 67    | 59     | 52                   | 58    | 52    | 77                | 71    | 81    | 82    | 68    |
|              |                                |                        | PM <sub>2.5</sub> (µg/m³) | 33    | 38                  | 39    | 44    | 54              | 40    | 30     | 24                   | 23    | 23    | 25                | 25    | 31    | 31    | 25    |
|              |                                | 2024                   | AQI                       | 140   | 102                 | 71    | 69    | 57              | 62    | 63     | 61                   | 54    | 42    | 42                | 49    | 74    | 74    | 67    |
|              |                                |                        | PM <sub>10</sub> (µg/m³)  | 159   | 104                 | 71    | 69    | 57              | 62    | 63     | 61                   | 54    | 40    | 41                | 49    | 74    | 74    | 67    |
|              |                                |                        | PM <sub>2.5</sub> (µg/m³) | 58    | 40                  | 27    | 34    | 23              | 22    | 24     | 20                   | 14    | 9     | 9                 | 23    | 28    | 36    | 38    |
|              |                                | 2025                   | AQI                       | 145   | 119                 | 108   | 86    | 78              | 97    | 66     | 102                  | 91    | 62    | 84                | 78    | 76    | 43    | 41    |
|              |                                |                        | PM <sub>10</sub> (µg/m³)  | 168   | 128                 | 104   | 72    | 64              | 72    | 48     | 71                   | 64    | 47    | 61                | 60    | 57    | 35    | 30    |
|              |                                |                        | PM <sub>2.5</sub> (µg/m³) | 58    | 56                  | 63    | 51    | 47              | 58    | 40     | 61                   | 55    | 37    | 50                | 47    | 46    | 26    | 19    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                              | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                              |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                       | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                              | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                              | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                              | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                     | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 03           | Dewas,<br>Bhopal<br>Chauraha | 2021                   | AQI                       | 95    | 99                  | 102   | 99    | 102             | 68    | 73     | 92                   | 80    | 62    | 80                | 89    | -     | 92    | 106   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 95    | 99                  | 103   | 99    | 104             | 68    | 73     | 92                   | 80    | 62    | 80                | 89    | 101   | 92    | 109   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 51    | 52                  | 49    | 47    | 50              | 30    | 32     | 44                   | 44    | 34    | 45                | 45    | 48    | 44    | 51    |
|              |                              | 2022                   | AQI                       | 148   | 124                 | 104   | -     | 121             | 124   | 125    | 164                  | 151   | 117   | 132               | 132   | 156   | 130   | 165   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 172   | 136                 | 106   | 159   | 131             | 137   | 137    | 196                  | 177   | 126   | 148               | 147   | 184   | 145   | 197   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 44    | 38                  | 27    | 31    | 32              | 35    | 29     | 56                   | 73    | 44    | 34                | 32    | 37    | 26    | 47    |
|              |                              | 2023                   | AQI                       | 159   | 128                 | 163   | 148   | 161             | -     | -      | 262                  | 197   | 127   | 154               | 222   | 250   | 262   | 236   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 154   | 120                 | 162   | 138   | 145             | -     | 109    | 158                  | 129   | 107   | 116               | 147   | 160   | 167   | 158   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 78    | 69                  | 79    | 74    | 78              | -     | 62     | 109                  | 89    | 68    | 76                | 97    | 105   | 109   | 101   |
|              |                              | 2024                   | AQI                       | -     | -                   | 126   | 108   | 124             | 138   | 163    | 299                  | 298   | 150   | 131               | 141   | 131   | 157   | 192   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 143   | 100                 | 139   | 127   | 136             | 144   | 170    | 173                  | 207   | 153   | 147               | 161   | 147   | 156   | 174   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 71    | 50                  | 60    | 62    | 60              | 71    | 79     | 120                  | 119   | 75    | 64                | 69    | 57    | 77    | 88    |
|              |                              | 2025                   | AQI                       | 102   | 136                 | 148   | 154   | 127             | 106   | 134    | 125                  | 149   | 173   | 149               | 135   | 93    | 70    | 66    |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 97    | 153                 | 140   | 131   | 119             | 96    | 108    | 111                  | 119   | 121   | 117               | 112   | 86    | 31    | 43    |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 61    | 58                  | 74    | 76    | 68              | 62    | 70     | 67                   | 75    | 82    | 75                | 71    | 56    | 19    | 22    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                         | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                         |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                  | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                         | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                         | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                         | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 04           | Gwalior,<br>City Center | 2021                   | AQI                       | 277   | 275                 | 287   | 200   | 146             | 173   | 211    | 241                  | 362   | 367   | 242               | 382   | 496   | 347   | 351   |
|              |                         |                        | PM <sub>10</sub> (µg/m³)  | 234   | 222                 | 206   | 181   | 162             | 162   | 159    | 125                  | 243   | 274   | 172               | 318   | 451   | 267   | 278   |
|              |                         |                        | PM <sub>2.5</sub> (µg/m³) | 113   | 112                 | 116   | 90    | 74              | 82    | 93     | 102                  | 200   | 207   | 103               | 227   | 375   | 182   | 186   |
|              |                         | 2022                   | AQI                       | 115   | 113                 | 121   | 108   | 121             | 129   | 278    | 307                  | 240   | 235   | 123               | 115   | 233   | -     | -     |
|              |                         |                        | PM <sub>10</sub> (µg/m³)  | 122   | 120                 | 131   | 112   | 132             | 143   | 199    | 201                  | 157   | 174   | 134               | 122   | 179   | 215   | -     |
|              |                         |                        | PM <sub>2.5</sub> (µg/m³) | 59    | 60                  | 59    | 45    | 57              | 65    | 113    | 129                  | 102   | 100   | 64                | 56    | 100   | 155   | -     |
|              |                         | 2023                   | AQI                       | 311   | 327                 | 311   | 174   | 285             | 302   | 93     | 170                  | 380   | 354   | 307               | -     | -     | 306   | 246   |
|              |                         |                        | PM <sub>10</sub> (µg/m³)  | 199   | 249                 | 237   | 162   | 215             | 175   | 83     | 128                  | 276   | 296   | 276               | 309   | 248   | 287   | 242   |
|              |                         |                        | PM <sub>2.5</sub> (µg/m³) | 134   | 155                 | 134   | 82    | 115             | 122   | 56     | 81                   | 224   | 190   | 129               | 175   | 81    | 128   | 104   |
|              |                         | 2024                   | AQI                       | 156   | 134                 | 127   | 95    | 79              | 81    | 102    | 138                  | 306   | 133   | 141               | 199   | 199   | 183   | 142   |
|              |                         |                        | PM <sub>10</sub> (µg/m³)  | 183   | 151                 | 141   | 95    | 79              | 81    | 103    | 157                  | 214   | 150   | 162               | 205   | 201   | 193   | 159   |
|              |                         |                        | PM <sub>2.5</sub> (µg/m³) | 75    | 53                  | 61    | 53    | 28              | 35    | 34     | 57                   | 128   | 66    | 70                | 90    | 90    | 85    | 73    |
|              |                         | 2025                   | AQI                       | 112   | 108                 | 112   | 118   | 114             | 134   | 124    | 209                  | 313   | 151   | 225               | 139   | 129   | 118   | 80    |
|              |                         |                        | PM <sub>10</sub> (µg/m³)  | 118   | 112                 | 118   | 127   | 121             | 150   | 135    | 169                  | 204   | 159   | 186               | 159   | 143   | 126   | 80    |
|              |                         |                        | PM <sub>2.5</sub> (µg/m³) | 42    | 47                  | 53    | 58    | 52              | 63    | 57     | 93                   | 137   | 75    | 98                | 67    | 52    | 44    | 34    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                               | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                               |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                        | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                               | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                               | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                               | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                      | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 05           | Indore,<br>Chhoti<br>Gwaltoli | 2021                   | AQI                       | 138   | 147                 | 142   | 162   | 209             | 176   | 252    | 246                  | 319   | 211   | 177               | 207   | 224   | 205   | 163   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 158   | 171                 | 163   | 164   | 190             | 175   | 169    | 160                  | 196   | 151   | 157               | 203   | 204   | 198   | 181   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 41    | 52                  | 68    | 79    | 93              | 83    | 106    | 104                  | 145   | 93    | 83                | 92    | 97    | 92    | 79    |
|              |                               | 2022                   | AQI                       | 122   | 122                 | 102   | 114   | 110             | 119   | 202    | 165                  | 262   | 138   | 145               | 158   | 158   | 129   | 143   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 133   | 133                 | 104   | 122   | 115             | 129   | 252    | 198                  | 196   | 157   | 168               | 187   | 187   | 143   | 165   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 34    | 34                  | 32    | 31    | 31              | 38    | 57     | 59                   | 109   | 45    | 48                | 52    | 47    | 36    | 51    |
|              |                               | 2023                   | AQI                       | 309   | 234                 | 303   | 309   | 300             | 311   | 312    | 293                  | 308   | 137   | 121               | 196   | 236   | 308   | 262   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 268   | 217                 | 259   | 281   | 269             | 246   | 234    | 166                  | 174   | 120   | 114               | 139   | 147   | 201   | 163   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 132   | 100                 | 124   | 132   | 120             | 134   | 136    | 118                  | 131   | 71    | 66                | 89    | 101   | 130   | 109   |
|              |                               | 2024                   | AQI                       | 292   | 224                 | 179   | 170   | 166             | 211   | 279    | 309                  | 406   | 297   | 190               | 220   | 196   | 172   | 303   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 246   | 201                 | 202   | 202   | 198             | 207   | 257    | 284                  | 320   | 214   | 166               | 206   | 196   | 171   | 203   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 118   | 97                  | 84    | 81    | 80              | 93    | 114    | 132                  | 258   | 119   | 87                | 96    | 89    | 82    | 124   |
|              |                               | 2025                   | AQI                       | 124   | 157                 | 150   | 140   | 204             | 154   | 219    | 307                  | 319   | 162   | 135               | 136   | 84    | 50    | 61    |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 136   | 186                 | 175   | 160   | 186             | 131   | 153    | 201                  | 210   | 124   | 112               | 119   | 84    | 33    | 61    |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 43    | 63                  | 72    | 70    | 91              | 76    | 96     | 129                  | 144   | 79    | 70                | 71    | 50    | 18    | 35    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                       | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-----------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                       |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                       | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                       | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                       | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location              | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 06           | Jabalpur,<br>Marhatal | 2021                   | AQI                       | 149   | 176                 | 167   | 166   | 138             | 121   | 167    | 240                  | 305   | 157   | 196               | 234   | 260   | 320   | 309   |
|              |                       |                        | PM <sub>10</sub> (µg/m³)  | 173   | 214                 | 201   | 198   | 157             | 131   | 200    | 224                  | 226   | 185   | 215               | 272   | 266   | 301   | 244   |
|              |                       |                        | PM <sub>2.5</sub> (µg/m³) | 47    | 63                  | 70    | 76    | 60              | 51    | 79     | 102                  | 126   | 72    | 89                | 100   | 108   | 145   | 132   |
|              |                       | 2022                   | AQI                       | 96    | 89                  | 88    | 97    | 120             | 123   | 133    | 310                  | 309   | 240   | 204               | 198   | 137   | 129   | 104   |
|              |                       |                        | PM <sub>10</sub> (µg/m³)  | 96    | 89                  | 88    | 97    | 130             | 135   | 149    | 203                  | 204   | 183   | 194               | 186   | 153   | 143   | 106   |
|              |                       |                        | PM <sub>2.5</sub> (µg/m³) | 48    | 40                  | 43    | 48    | 57              | 55    | 60     | 134                  | 132   | 102   | 91                | 89    | 71    | 66    | 53    |
|              |                       | 2023                   | AQI                       | 148   | 139                 | 185   | 192   | 181             | 188   | 228    | 319                  | 329   | 320   | 308               | 301   | 305   | 313   | 186   |
|              |                       |                        | PM <sub>10</sub> (µg/m³)  | 156   | 159                 | 196   | 197   | 194             | 183   | 216    | 242                  | 238   | 236   | 206               | 196   | 211   | 235   | 139   |
|              |                       |                        | PM <sub>2.5</sub> (µg/m³) | 74    | 70                  | 86    | 87    | 84              | 86    | 98     | 145                  | 157   | 146   | 130               | 122   | 126   | 136   | 86    |
|              |                       | 2024                   | AQI                       | 136   | 111                 | 102   | 108   | 87              | 112   | 126    | 155                  | 300   | 123   | 103               | 119   | 140   | 214   | 280   |
|              |                       |                        | PM <sub>10</sub> (µg/m³)  | 154   | 116                 | 103   | 112   | 87              | 118   | 109    | 101                  | 140   | 92    | 84                | 91    | 100   | 130   | 158   |
|              |                       |                        | PM <sub>2.5</sub> (µg/m³) | 63    | 48                  | 37    | 48    | 38              | 53    | 68     | 76                   | 120   | 67    | 61                | 66    | 72    | 94    | 114   |
|              |                       | 2025                   | AQI                       | 116   | 125                 | 136   | -     | 114             | 123   | 106    | 158                  | 261   | 99    | 83                | 110   | 203   | 64    | 74    |
|              |                       |                        | PM <sub>10</sub> (µg/m³)  | 124   | 135                 | 115   | 136   | 121             | 112   | 109    | 127                  | 143   | 87    | 83                | 115   | 128   | 53    | 67    |
|              |                       |                        | PM <sub>2.5</sub> (µg/m³) | 45    | 67                  | 71    | 76    | 64              | 67    | 61     | 78                   | 108   | 60    | 46                | 78    | 91    | 39    | 45    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                      | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|----------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                      |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »               | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                      | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                      | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                      | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location             | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 07           | Katni,<br>Gole Bazar | 2021                   | AQI                       | 193   | 220                 | 246   | 224   | 201             | 183   | 291    | 237                  | -     | 238   | 314               | 314   | 322   | 332   | 314   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 240   | 270                 | 296   | 245   | 251             | 202   | 306    | 224                  | 200   | 213   | 270               | 270   | 335   | 340   | 285   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 72    | 83                  | 92    | 97    | 89              | 85    | 117    | 101                  | 122   | 101   | 138               | 138   | 149   | 161   | 138   |
|              |                      | 2022                   | AQI                       | 117   | 142                 | 150   | 139   | 170             | 173   | 155    | 222                  | 304   | 149   | 160               | 180   | 182   | 172   | 148   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 126   | 164                 | 174   | 158   | 204             | 209   | 182    | 160                  | 214   | 174   | 190               | 220   | 222   | 208   | 173   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 52    | 55                  | 65    | 63    | 81              | 66    | 70     | 97                   | 125   | 72    | 64                | 71    | 79    | 79    | 65    |
|              |                      | 2023                   | AQI                       | 255   | 279                 | 236   | 255   | 235             | 301   | 227    | 304                  | 333   | 314   | 280               | 279   | 298   | 299   | 169   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 282   | 329                 | 286   | 305   | 285             | 317   | 212    | 220                  | 277   | 239   | 213               | 194   | 207   | 237   | 151   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 107   | 105                 | 99    | 98    | 97              | 121   | 98     | 126                  | 163   | 138   | 114               | 114   | 119   | 120   | 81    |
|              |                      | 2024                   | AQI                       | 117   | 82                  | 81    | 93    | 100             | 122   | 145    | 149                  | 173   | 144   | 135               | 144   | 140   | 155   | 162   |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 126   | 82                  | 81    | 93    | 100             | 133   | 168    | 174                  | 209   | 166   | 153               | 166   | 160   | 182   | 196   |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 39    | 23                  | 23    | 29    | 35              | 47    | 49     | 54                   | 74    | 58    | 44                | 56    | 61    | 73    | 75    |
|              |                      | 2025                   | AQI                       | 107   | 112                 | 107   | 122   | 129             | 127   | 117    | 157                  | 152   | 97    | 120               | 128   | 141   | 91    | 74    |
|              |                      |                        | PM <sub>10</sub> (µg/m³)  | 111   | 118                 | 111   | 133   | 144             | 141   | 126    | 160                  | 143   | 97    | 130               | 142   | 162   | 91    | 74    |
|              |                      |                        | PM <sub>2.5</sub> (µg/m³) | 34    | 43                  | 46    | 54    | 49              | 42    | 45     | 77                   | 76    | 45    | 61                | 65    | 69    | 44    | 33    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                                | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|------------------------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                                |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                                         | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                                | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                                | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                                | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                                       | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 08           | Mandideep,<br>Sector New<br>Industrial<br>Area | 2021                   | AQI                       | 166   | 183                 | 186   | 154   | 246             | 303   | 174    | 139                  | 214   | 152   | 176               | 198   | 222   | 246   | 184   |
|              |                                                |                        | PM <sub>10</sub> (µg/m³)  | 199   | 224                 | 229   | 182   | 296             | 348   | 211    | 158                  | 191   | 178   | 214               | 239   | 241   | 265   | 197   |
|              |                                                |                        | PM <sub>2.5</sub> (µg/m³) | 52    | 73                  | 77    | 63    | 99              | 124   | 77     | 62                   | 94    | 67    | 78                | 89    | 97    | 104   | 85    |
|              |                                                | 2022                   | AQI                       | 110   | 122                 | 144   | 148   | 126             | 145   | 137    | 178                  | 153   | 128   | 148               | 236   | 202   | 183   | 192   |
|              |                                                |                        | PM <sub>10</sub> (µg/m³)  | 115   | 133                 | 166   | 173   | 139             | 167   | 155    | 217                  | 179   | 142   | 172               | 286   | 252   | 224   | 239   |
|              |                                                |                        | PM <sub>2.5</sub> (µg/m³) | 46    | 52                  | 53    | 56    | 42              | 42    | 36     | 55                   | 54    | 37    | 37                | 64    | 50    | 56    | 55    |
|              |                                                | 2023                   | AQI                       | 230   | 195                 | 225   | 156   | 168             | 149   | 103    | 139                  | 219   | 243   | 128               | 122   | 127   | 153   | 157   |
|              |                                                |                        | PM <sub>10</sub> (µg/m³)  | 251   | 220                 | 227   | 175   | 184             | 174   | 105    | 131                  | 198   | 204   | 142               | 133   | 141   | 179   | 185   |
|              |                                                |                        | PM <sub>2.5</sub> (µg/m³) | 99    | 88                  | 97    | 77    | 80              | 74    | 45     | 72                   | 96    | 103   | 54                | 51    | 56    | 61    | 47    |
|              |                                                | 2024                   | AQI                       | 208   | 141                 | 153   | 200   | 130             | 147   | 242    | 149                  | 301   | 351   | 318               | 259   | 285   | 317   | 345   |
|              |                                                |                        | PM <sub>10</sub> (µg/m³)  | 222   | 161                 | 180   | 206   | 110             | 170   | 208    | 158                  | 208   | 328   | 266               | 222   | 227   | 247   | 304   |
|              |                                                |                        | PM <sub>2.5</sub> (µg/m³) | 93    | 68                  | 72    | 90    | 69              | 68    | 102    | 75                   | 121   | 186   | 143               | 108   | 115   | 142   | 178   |
|              |                                                | 2025                   | AQI                       | 257   | 127                 | -     | 235   | 180             | 304   | 319    | 147                  | 255   | 181   | 168               | 179   | 178   | 100   | 106   |
|              |                                                |                        | PM <sub>10</sub> (µg/m³)  | 200   | 141                 | 191   | 215   | 181             | 308   | 323    | 171                  | 245   | 179   | 184               | 182   | 170   | 100   | 109   |
|              |                                                |                        | PM <sub>2.5</sub> (µg/m³) | 107   | 63                  | 85    | 100   | 84              | 125   | 145    | 65                   | 107   | 84    | 80                | 84    | 83    | 49    | 53    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                              | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|----------------------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                              |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                                       | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                              | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                              | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                              | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                                     | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 09           | Pithampur,<br>Sector-2<br>Industrial<br>Area | 2021                   | AQI                       | 144   | 135                 | 141   | 132   | 150             | 97    | 137    | 173                  | 314   | 116   | 119               | 195   | 178   | 171   | 163   |
|              |                                              |                        | PM <sub>10</sub> (µg/m³)  | 108   | 90                  | 90    | 84    | 98              | 89    | 111    | 126                  | 185   | 124   | 128               | 155   | 156   | 153   | 132   |
|              |                                              |                        | PM <sub>2.5</sub> (µg/m³) | 73    | 71                  | 72    | 69    | 75              | 58    | 71     | 82                   | 138   | 60    | 53                | 89    | 83    | 81    | 79    |
|              |                                              | 2022                   | AQI                       | 138   | 196                 | 116   | 121   | 136             | 114   | 145    | 109                  | 120   | 89    | 108               | 148   | 148   | 175   | 186   |
|              |                                              |                        | PM <sub>10</sub> (µg/m³)  | 156   | 187                 | 124   | 131   | 151             | 122   | 168    | 113                  | 129   | 89    | 113               | 173   | 172   | 212   | 217   |
|              |                                              |                        | PM <sub>2.5</sub> (µg/m³) | 64    | 89                  | 53    | 46    | 71              | 43    | 60     | 40                   | 54    | 28    | 36                | 57    | 46    | 58    | 86    |
|              |                                              | 2023                   | AQI                       | 112   | 114                 | 131   | 139   | 133             | 128   | 132    | 109                  | 276   | 126   | 107               | 149   | 237   | 254   | 231   |
|              |                                              |                        | PM <sub>10</sub> (µg/m³)  | 118   | 121                 | 147   | 159   | 150             | 143   | 148    | 114                  | 169   | 140   | 111               | 136   | 176   | 188   | 165   |
|              |                                              |                        | PM <sub>2.5</sub> (µg/m³) | 58    | 53                  | 64    | 68    | 68              | 62    | 59     | 59                   | 113   | 63    | 53                | 75    | 101   | 106   | 99    |
|              |                                              | 2024                   | AQI                       | 247   | 174                 | 138   | 151   | 154             | 113   | 110    | 92                   | 72    | 65    | 80                | 150   | 170   | 205   | 224   |
|              |                                              |                        | PM <sub>10</sub> (µg/m³)  | 147   | 124                 | 107   | 122   | 105             | 91    | 97     | 92                   | 72    | 65    | 78                | 131   | 144   | 111   | 117   |
|              |                                              |                        | PM <sub>2.5</sub> (µg/m³) | 104   | 82                  | 71    | 75    | 76              | 64    | 63     | 53                   | 43    | 37    | 48                | 75    | 81    | 92    | 97    |
|              |                                              | 2025                   | AQI                       | 118   | 198                 | 174   | 188   | 286             | 213   | 256    | 245                  | 313   | 178   | 179               | 202   | 132   | 49    | 76    |
|              |                                              |                        | PM <sub>10</sub> (µg/m³)  | 127   | 184                 | 145   | 147   | 202             | 128   | 146    | 131                  | 164   | 107   | 117               | 136   | 108   | 43    | 72    |
|              |                                              |                        | PM <sub>2.5</sub> (µg/m³) | 52    | 89                  | 82    | 86    | 116             | 94    | 107    | 104                  | 137   | 84    | 84                | 91    | 70    | 29    | 45    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                             | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-----------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                             |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                      | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                             | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                             | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                             | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                    | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 10           | Ratlam,<br>Shathri<br>Nagar | 2021                   | AQI                       | 129   | 133                 | 147   | 152   | 169             | 126   | 117    | 169                  | 117   | 126   | 176               | 140   | 134   | 123   | 122   |
|              |                             |                        | PM <sub>10</sub> (µg/m³)  | 144   | 149                 | 170   | 178   | 204             | 138   | 125    | 158                  | 125   | 139   | 182               | 160   | 150   | 135   | 132   |
|              |                             |                        | PM <sub>2.5</sub> (µg/m³) | 40    | 46                  | 59    | 67    | 73              | 53    | 52     | 81                   | 55    | 65    | 83                | 62    | 58    | 50    | 50    |
|              |                             | 2022                   | AQI                       | 112   | 102                 | 117   | 125   | 106             | 126   | 143    | 307                  | 292   | 112   | 132               | 115   | 146   | 119   | 153   |
|              |                             |                        | PM <sub>10</sub> (µg/m³)  | 119   | 103                 | 126   | 138   | 108             | 139   | 164    | 192                  | 160   | 118   | 148               | 122   | 168   | 128   | 180   |
|              |                             |                        | PM <sub>2.5</sub> (µg/m³) | 47    | 46                  | 55    | 52    | 40              | 51    | 58     | 129                  | 118   | 43    | 50                | 37    | 47    | 41    | 67    |
|              |                             | 2023                   | AQI                       | 186   | 198                 | 188   | 190   | 232             | 171   | 132    | 304                  | 251   | 123   | 125               | 133   | 146   | 152   | 169   |
|              |                             |                        | PM <sub>10</sub> (µg/m³)  | 230   | 247                 | 232   | 234   | 282             | 206   | 148    | 123                  | 195   | 134   | 137               | 150   | 168   | 170   | 181   |
|              |                             |                        | PM <sub>2.5</sub> (µg/m³) | 79    | 75                  | 73    | 76    | 93              | 79    | 55     | 126                  | 105   | 55    | 56                | 65    | 73    | 76    | 81    |
|              |                             | 2024                   | AQI                       | 165   | 164                 | 184   | 157   | 173             | 171   | 146    | 327                  | 306   | 137   | 158               | 164   | 176   | 184   | 187   |
|              |                             |                        | PM <sub>10</sub> (µg/m³)  | 198   | 196                 | 226   | 185   | 210             | 206   | 170    | 195                  | 207   | 155   | 186               | 195   | 214   | 226   | 230   |
|              |                             |                        | PM <sub>2.5</sub> (µg/m³) | 59    | 56                  | 71    | 51    | 69              | 69    | 54     | 155                  | 128   | 58    | 68                | 63    | 65    | 68    | 82    |
|              |                             | 2025                   | AQI                       | 113   | 129                 | 117   | 123   | 127             | 114   | 148    | 262                  | 155   | 123   | 130               | 137   | 129   | 57    | 111   |
|              |                             |                        | PM <sub>10</sub> (µg/m³)  | 120   | 143                 | 125   | 134   | 140             | 121   | 172    | 212                  | 179   | 134   | 146               | 156   | 144   | 57    | 117   |
|              |                             |                        | PM <sub>2.5</sub> (µg/m³) | 40    | 49                  | 48    | 52    | 62              | 52    | 72     | 109                  | 77    | 57    | 65                | 67    | 67    | 31    | 25    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                               | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                               |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                        | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                               | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                               | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                               | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                      | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 11           | Sagar,<br>Deen Dayal<br>Nagar | 2021                   | AQI                       | 199   | 185                 | 74    | 174   | 255             | 186   | 170    | 182                  | 129   | 236   | -                 | 228   | 243   | 289   | 194   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 249   | 227                 | 235   | 210   | 177             | 229   | 205    | 223                  | 144   | 172   | 254               | 278   | 293   | 339   | 241   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 40    | 37                  | 44    | 42    | 107             | 35    | 26     | 29                   | 41    | 101   | 46                | 166   | 203   | 104   | 57    |
|              |                               | 2022                   | AQI                       | 114   | 112                 | 139   | 143   | 148             | 167   | 142    | 166                  | 104   | 127   | 168               | 150   | 176   | 58    | 168   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 122   | 118                 | 159   | 164   | 172             | 201   | 163    | 198                  | 105   | 140   | 203               | 175   | 214   | 200   | 201   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 19    | 23                  | 28    | 24    | 22              | 24    | 28     | 21                   | 21    | 18    | 30                | 21    | 43    | 23    | 21    |
|              |                               | 2023                   | AQI                       | 58    | 66                  | 87    | 73    | 73              | 69    | 61     | 72                   | 162   | 142   | 155               | 168   | 174   | 191   | 160   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 58    | 57                  | 56    | 73    | 61              | 69    | 62     | 198                  | 193   | 164   | 182               | 201   | 211   | 237   | 190   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 13    | 14                  | 15    | 19    | 17              | 18    | 25     | 38                   | 39    | 27    | 32                | 38    | 41    | 45    | 37    |
|              |                               | 2024                   | AQI                       | 130   | 65                  | 44    | 55    | 79              | 121   | 139    | 185                  | 166   | 44    | 45                | 87    | -     | 103   | 113   |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 145   | 62                  | 44    | 55    | 79              | 131   | 159    | 228                  | 199   | 44    | 45                | 87    | 146   | 104   | 118   |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 42    | 39                  | 13    | 12    | 12              | 12    | 23     | 49                   | 47    | 18    | 18                | 28    | 38    | 44    | 44    |
|              |                               | 2025                   | AQI                       | 118   | 106                 | 108   | 100   | 107             | 116   | 102    | 120                  | 123   | 112   | 100               | 114   | 84    | 76    | 56    |
|              |                               |                        | PM <sub>10</sub> (µg/m³)  | 127   | 109                 | 112   | 100   | 111             | 124   | 103    | 129                  | 122   | 117   | 100               | 121   | 84    | 76    | 56    |
|              |                               |                        | PM <sub>2.5</sub> (µg/m³) | 45    | 49                  | 59    | 41    | 46              | 47    | 47     | 63                   | 67    | 59    | 55                | 57    | 44    | 39    | 32    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                                     | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-----------------------------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                                     |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                                              | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                                     | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                                     | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                                     | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                                            | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 12           | Singrauli,<br>Surya<br>Kiran<br>Bhawan<br>Dudhichua | 2021                   | AQI                       | 207   | 196                 | 192   | 245   | 301             | 210   | 168    | 270                  | 286   | 221   | 330               | 349   | 369   | 342   | 325   |
|              |                                                     |                        | PM <sub>10</sub> (µg/m³)  | 257   | 244                 | 238   | 269   | 307             | 260   | 202    | 212                  | 210   | 259   | 317               | 389   | 389   | 365   | 303   |
|              |                                                     |                        | PM <sub>2.5</sub> (µg/m³) | 78    | 87                  | 80    | 104   | 122             | 90    | 75     | 111                  | 116   | 96    | 159               | 170   | 210   | 175   | 153   |
|              |                                                     | 2022                   | AQI                       | 139   | 143                 | 223   | 304   | 309             | 301   | 156    | 176                  | 178   | 304   | 304               | 306   | 332   | 310   | 303   |
|              |                                                     |                        | PM <sub>10</sub> (µg/m³)  | 148   | 148                 | 197   | 265   | 247             | 253   | 184    | 153                  | 155   | 244   | 273               | 248   | 189   | 171   | 237   |
|              |                                                     |                        | PM <sub>2.5</sub> (µg/m³) | 72    | 73                  | 97    | 125   | 132             | 121   | 74     | 83                   | 84    | 125   | 126               | 127   | 162   | 133   | 123   |
|              |                                                     | 2023                   | AQI                       | 116   | 116                 | 104   | 130   | 225             | 143   | 131    | 211                  | 179   | 224   | 274               | 239   | 191   | 227   | 135   |
|              |                                                     |                        | PM <sub>10</sub> (µg/m³)  | 124   | 124                 | 106   | 145   | 167             | 145   | 133    | 218                  | 146   | 134   | 146               | 133   | 119   | 141   | 139   |
|              |                                                     |                        | PM <sub>2.5</sub> (µg/m³) | 53    | 54                  | 50    | 66    | 98              | 73    | 69     | 93                   | 84    | 97    | 112               | 102   | 87    | 98    | 70    |
|              |                                                     | 2024                   | AQI                       | 126   | 63                  | 93    | 66    | 85              | 141   | 195    | 242                  | 289   | 221   | 306               | 287   | 297   | 310   | 309   |
|              |                                                     |                        | PM <sub>10</sub> (µg/m³)  | 138   | 63                  | 93    | 66    | 85              | 161   | 218    | 256                  | 250   | 248   | 321               | 266   | 223   | 232   | 221   |
|              |                                                     |                        | PM <sub>2.5</sub> (µg/m³) | 64    | 36                  | 42    | 28    | 36              | 68    | 89     | 103                  | 117   | 96    | 128               | 116   | 119   | 133   | 132   |
|              |                                                     | 2025                   | AQI                       | 140   | 143                 | 122   | 135   | 155             | 161   | 128    | 267                  | 209   | 150   | 156               | 262   | 185   | 120   | 100   |
|              |                                                     |                        | PM <sub>10</sub> (µg/m³)  | 161   | 165                 | 133   | 153   | 183             | 191   | 164    | 240                  | 208   | 175   | 184               | 201   | 163   | 123   | 100   |
|              |                                                     |                        | PM <sub>2.5</sub> (µg/m³) | 48    | 66                  | 53    | 62    | 61              | 77    | 68     | 110                  | 93    | 48    | 73                | 109   | 86    | 66    | 56    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

[illegible]

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                  | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|----------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                  |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                           | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                  | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                  | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                  | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                         | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 15           | Bhopal,<br>Paryavaran<br>Parisar | 2022                   | AQI                       | 236   | 199                 | 191   | 247   | 220             | 235   | 185    | 286                  | 334   | 285   | 219               | 233   | 251   | 302   | 322   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 131   | 124                 | 127   | 144   | 140             | 144   | 123    | 151                  | 240   | 160   | 146               | 160   | 171   | 177   | 190   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 101   | 90                  | 87    | 104   | 96              | 100   | 85     | 116                  | 165   | 115   | 96                | 100   | 105   | 122   | 148   |
|              |                                  | 2023                   | AQI                       | 313   | 304                 | 231   | 239   | 257             | 248   | 140    | 304                  | 361   | 332   | 294               | 278   | 301   | 321   | 337   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 205   | 211                 | 180   | 184   | 205             | 182   | 125    | 165                  | 261   | 201   | 159               | 150   | 156   | 196   | 227   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 137   | 125                 | 99    | 102   | 107             | 104   | 72     | 125                  | 199   | 161   | 118               | 113   | 121   | 147   | 168   |
|              |                                  | 2024                   | AQI                       | 180   | 136                 | 150   | 176   | 134             | 155   | 196    | 221                  | 306   | 164   | 227               | 159   | 221   | 310   | 317   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 190   | 154                 | 174   | 193   | 150             | 175   | 194    | 207                  | 216   | 197   | 224               | 189   | 229   | 246   | 263   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 84    | 65                  | 72    | 83    | 55              | 77    | 89     | 96                   | 128   | 76    | 98                | 73    | 96    | 134   | 143   |
|              |                                  | 2025                   | AQI                       | 110   | 114                 | 123   | 244   | 204             | 159   | 191    | 208                  | 259   | 157   | 147               | 139   | 156   | 57    | 46    |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 115   | 121                 | 134   | 173   | 144             | 139   | 168    | 173                  | 155   | 120   | 130               | 125   | 111   | 43    | 47    |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 41    | 48                  | 66    | 103   | 91              | 78    | 87     | 92                   | 108   | 77    | 74                | 72    | 77    | 34    | 25    |
| 16           | Gwalior,<br>Maharaj<br>bada      | 2022                   | AQI                       | -     | -                   | -     | -     | -               | 202   | 333    | 315                  | 316   | 273   | 203               | 231   | 305   | 335   | 384   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | -     | -                   | -     | -     | 274             | 252   | 377    | 306                  | 248   | 299   | 253               | 281   | 350   | 366   | 417   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | -     | -                   | -     | -     | 79              | 64    | 145    | 139                  | 141   | 112   | 76                | 76    | 127   | 166   | 154   |
|              |                                  | 2023                   | AQI                       | 310   | 341                 | 320   | 174   | 232             | 217   | 124    | 154                  | 409   | 332   | 329               | 306   | 300   | 260   | 279   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 339   | 383                 | 327   | 211   | 281             | 267   | 136    | 181                  | 355   | 292   | 308               | 280   | 333   | 310   | 329   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 133   | 155                 | 146   | 82    | 100             | 93    | 41     | 69                   | 261   | 162   | 157               | 128   | 120   | 96    | 95    |
|              |                                  | 2024                   | AQI                       | 218   | 146                 | 225   | 165   | 84              | 123   | 88     | 208                  | 360   | 264   | 205               | 211   | 233   | 277   | 235   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 188   | 144                 | 164   | 109   | 80              | 135   | 186    | 258                  | 362   | 229   | 255               | 261   | 271   | 284   | 251   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 95    | 74                  | 97    | 79    | 50              | 50    | 53     | 91                   | 199   | 109   | 72                | 84    | 100   | 113   | 101   |
|              |                                  | 2025                   | AQI                       | 131   | 131                 | 133   | 139   | 157             | 190   | 198    | 255                  | 329   | 276   | 329               | 229   | 193   | 213   | 110   |
|              |                                  |                        | PM <sub>10</sub> (µg/m³)  | 146   | 147                 | 149   | 184   | 185             | 214   | 200    | 210                  | 208   | 228   | 270               | 216   | 205   | 212   | 115   |
|              |                                  |                        | PM <sub>2.5</sub> (µg/m³) | 56    | 60                  | 62    | 72    | 69              | 87    | 89     | 107                  | 158   | 113   | 158               | 99    | 88    | 94    | 52    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                              | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                              |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                       | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                              | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                              | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                              | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                     | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 17           | Katni,<br>Regional<br>Office | 2021                   | AQI                       | 175   | 167                 | 158   | 161   | 174             | 168   | 226    | 183                  | 186   | 120   | 163               | 232   | 275   | 320   | 321   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 212   | 200                 | 187   | 191   | 210             | 198   | 242    | 224                  | 229   | 130   | 195               | 246   | 265   | 292   | 304   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 69    | 77                  | 71    | -     | 76              | 80    | 98     | 84                   | 67    | 57    | 85                | 100   | 113   | 147   | 147   |
|              |                              | 2022                   | AQI                       | 111   | 117                 | 130   | 136   | 210             | -     | -      | 136                  | 193   | 117   | 128               | 132   | 141   | 160   | 128   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 117   | 125                 | 144   | 154   | 191             | 167   | 176    | 155                  | 145   | 126   | 142               | 148   | 161   | 190   | 141   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 57    | 56                  | 57    | 56    | 93              | 176   | 56     | 56                   | 88    | 52    | 53                | 53    | 53    | 53    | 53    |
|              |                              | 2023                   | AQI                       | -     | -                   | -     | -     | -               | -     | 61     | 62                   | 62    | 62    | 61                | 62    | 61    | 61    | 61    |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | -     | -                   | -     | -     | -               | 60    | 61     | 62                   | 62    | 62    | 61                | 62    | 61    | 61    | 61    |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | -     | -                   | -     | -     | -               | 19    | 20     | 20                   | 20    | 20    | 20                | 20    | 20    | 20    | 20    |
|              |                              | 2024                   | AQI                       | 72    | 57                  | 52    | 55    | 62              | 77    | 92     | 58                   | 72    | 72    | 80                | 77    | 96    | -     | -     |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 72    | 57                  | 52    | 55    | 62              | 77    | 92     | 58                   | 72    | 72    | 80                | 77    | 96    | 107   | -     |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 26    | 26                  | 25    | 25    | 25              | 25    | 26     | 25                   | 25    | 25    | 25                | 25    | 25    | 26    | -     |
| 18           | Maihar ,<br>Sharda<br>Temple | 2022                   | AQI                       | 278   | 300                 | 303   | 266   | 190             | 41    | 50     | 39                   | 55    | 47    | 43                | 44    | 63    | 60    | 55    |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 33    | 36                  | 39    | 41    | 42              | 41    | 50     | 39                   | 55    | 47    | 43                | 44    | 63    | 60    | 55    |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 15    | 16                  | 15    | 18    | 17              | 15    | 18     | 16                   | 23    | 18    | 16                | 15    | 24    | 23    | 22    |
|              |                              | 2023                   | AQI                       | 108   | 92                  | 118   | 107   | 99              | 113   | 147    | 101                  | 114   | 178   | 104               | 81    | 85    | 81    | 70    |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 112   | 92                  | 128   | 110   | 99              | 119   | 131    | 101                  | 112   | 133   | 106               | 81    | 85    | 81    | 70    |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 60    | 44                  | 65    | 57    | 54              | 62    | 74     | 59                   | 64    | 83    | 60                | 45    | 51    | 48    | 40    |
|              |                              | 2024                   | AQI                       | 94    | 42                  | 48    | 65    | 85              | 92    | 62     | 46                   | 78    | 83    | 72                | 93    | -     | 91    | 80    |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 48    | 19                  | 37    | 27    | 31              | 32    | 35     | 35                   | 54    | 49    | 46                | 55    | 70    | 71    | 70    |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 56    | 25                  | 29    | 39    | 51              | 55    | 37     | 28                   | 47    | 50    | 43                | 56    | 54    | 55    | 48    |
|              |                              | 2025                   | AQI                       | 96    | 101                 | 86    | 103   | 71              | 73    | 73     | 123                  | 196   | 169   | 186               | 181   | 123   | 133   | 131   |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 96    | 101                 | 86    | 104   | 71              | 73    | 73     | 134                  | 244   | 204   | 229               | 221   | 134   | 150   | 147   |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 32    | 39                  | 35    | 43    | 31              | 28    | 32     | 45                   | 66    | 59    | 56                | 47    | 49    | 50    | 56    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                   | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |    |
|--------------|-----------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|----|
|              |                                   |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |    |
| Sr.<br>No.   | Date »                            | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |    |
|              |                                   | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |    |
|              |                                   | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |    |
|              |                                   | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |    |
|              | Location                          | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |    |
| 19           | Rewa,<br>Regional<br>Office       | 2021                   | AQI                       | 57    | 76                  | 93    | 109   | 98              | 81    | 87     | 88                   | 102   | -     | 104               | 112   | 76    | 99    | 72    |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 57    | 76                  | 93    | 114   | 98              | 81    | 75     | 88                   | 89    | 74    | 105               | 119   | 76    | 74    | 63    |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 32    | 39                  | 36    | 26    | 48              | 27    | 52     | 43                   | 61    | 49    | -                 | 45    | 43    | 60    | 43    |    |
|              |                                   | 2022                   | AQI                       | 41    | 38                  | 40    | 56    | 84              | 62    | 69     | 73                   | 186   | 144   | 141               | 135   | 133   | 108   | 106   |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 41    | 38                  | 40    | 56    | 84              | 46    | 51     | 73                   | 166   | 166   | 154               | 148   | 149   | 113   | 109   |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 9     | 9                   | 10    | 12    | 24              | 37    | 37     | 33                   | 86    | 72    | 72                | 71    | 67    | 62    | 56    |    |
|              |                                   | 2023                   | AQI                       | 55    | 54                  | 54    | 54    | 54              | 70    | 303    | 164                  | 177   | 233   | 115               | 97    | 63    | 62    | 59    |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 44    | 43                  | 41    | 41    | 40              | 70    | 153    | 195                  | 215   | 228   | 122               | 97    | 63    | 62    | 59    |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 20    | 21                  | 22    | 21    | 27              | 33    | 124    | 64                   | 59    | 100   | 60                | 45    | 24    | 22    | 24    |    |
|              |                                   | 2025                   | AQI                       | -     | 54                  | 54    | 54    | 54              | 54    | 54     | -                    | -     | -     | -                 | -     | -     | -     | -     |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 44    | 44                  | 44    | 44    | 44              | 44    | 44     | 44                   | -     | -     | -                 | -     | -     | -     | -     | 44 |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 23    | 23                  | 23    | 23    | 23              | 23    | 23     | 23                   | 23    | -     | -                 | -     | -     | -     | -     | 23 |
| 20           | Sagar,<br>Collectorat<br>e Office | 2022                   | AQI                       | -     | -                   | -     | -     | -               | 109   | 115    | 194                  | 159   | 99    | 102               | 111   | 124   | 186   | 127   |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | -     | -                   | -     | -     | 117             | 114   | 122    | 161                  | 130   | 99    | 103               | 116   | 135   | 158   | 133   |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | -     | -                   | -     | -     | 45              | 51    | 51     | 88                   | 78    | 41    | 34                | 42    | 51    | 86    | 68    |    |
|              |                                   | 2023                   | AQI                       | 110   | 89                  | 138   | 127   | 141             | 224   | 188    | 254                  | 145   | 122   | -                 | 234   | 254   | 267   | 181   |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 114   | 111                 | 142   | 140   | 155             | 179   | 156    | 153                  | 107   | 103   | 130               | 146   | 155   | 159   | 120   |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 62    | 53                  | 71    | 64    | 72              | 97    | 86     | 106                  | 74    | 67    | 84                | 100   | 106   | 110   | 84    |    |
|              |                                   | 2024                   | AQI                       | 151   | 117                 | 131   | 120   | 90              | 98    | 111    | 122                  | 158   | 137   | 123               | 138   | 163   | 251   | 205   |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 170   | 126                 | 146   | 130   | 90              | 98    | 117    | 134                  | 187   | 155   | 135               | 154   | 149   | 175   | 160   |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 75    | 55                  | 54    | 55    | 44              | 49    | 47     | 51                   | 77    | 55    | 52                | 55    | 68    | 105   | 91    |    |
|              |                                   | 2025                   | AQI                       | 130   | 173                 | 253   | 229   | 194             | 107   | -      | 305                  | 319   | 230   | 269               | 230   | 146   | 133   | 80    |    |
|              |                                   |                        | PM <sub>10</sub> (µg/m³)  | 108   | 109                 | 125   | 115   | 106             | 80    | 105    | 133                  | 175   | 119   | 140               | 130   | 103   | 98    | 80    |    |
|              |                                   |                        | PM <sub>2.5</sub> (µg/m³) | 69    | 82                  | 106   | 99    | 88              | 62    | 91     | 127                  | 145   | 99    | 111               | 99    | 74    | 70    | 47    |    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                        | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|----------------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                        |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                                 | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                        | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                        | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                        | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                               | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 21           | Satna,<br>Satna<br>Cement<br>Works     | 2021                   | AQI                       | 75    | 71                  | 65    | 86    | 80              | 72    | 71     | 88                   | 89    | 87    | 96                | 100   | 102   | 79    | 73    |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 75    | 71                  | 65    | 86    | 80              | 72    | 71     | 88                   | 89    | 87    | 96                | 100   | 103   | 79    | 73    |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 21    | 19                  | 18    | 27    | 24              | 19    | 19     | 28                   | 43    | 27    | 25                | 30    | 36    | 25    | 23    |
|              |                                        | 2022                   | AQI                       | 21    | 24                  | 21    | 31    | 28              | 32    | 29     | 29                   | 42    | 34    | 30                | 29    | 37    | 36    | 28    |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 54    | 35                  | 70    | 49    | 59              | 45    | 44     | 30                   | 33    | 35    | 44                | 38    | 53    | 49    | 34    |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 9     | 9                   | 11    | 16    | 16              | 13    | 11     | 11                   | 11    | 11    | 11                | 11    | 10    | 10    | 10    |
|              |                                        | 2023                   | AQI                       | 156   | 178                 | 199   | 196   | 160             | 157   | 207    | 180                  | 182   | 176   | 208               | 85    | 83    | 78    | 80    |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 185   | 217                 | 248   | 244   | 190             | 186   | 257    | 221                  | 223   | 214   | 258               | 161   | -     | 32    | 32    |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 25    | 25                  | 25    | 25    | 25              | 25    | 25     | 25                   | 25    | 29    | 36                | 34    | 38    | 34    | 28    |
|              |                                        | 2025                   | AQI                       | 53    | 53                  | 53    | 53    | 53              | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 53    | 53                  | 53    | 53    | 53              | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 26    | 26                  | 26    | 26    | 26              | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
| 22           | Ujjain,<br>Mahakales<br>hwar<br>Temple | 2021                   | AQI                       | 128   | 135                 | 127   | 182   | 171             | 171   | 130    | 253                  | 247   | 139   | 169               | 138   | 138   | 152   | 141   |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 142   | 153                 | 140   | 168   | 185             | 169   | 138    | 172                  | 173   | 137   | 165               | 158   | 156   | 156   | 162   |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 45    | 52                  | 65    | 85    | 81              | 81    | 69     | 106                  | 104   | 72    | 81                | 45    | 53    | 76    | 45    |
|              |                                        | 2022                   | AQI                       | 129   | 133                 | 130   | 128   | 131             | 147   | 169    | 300                  | 165   | 126   | 135               | 129   | 136   | 129   | 199   |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 143   | 149                 | 146   | 142   | 146             | 170   | 179    | 166                  | 117   | 139   | 152               | 143   | 154   | 143   | 186   |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 63    | 64                  | 61    | 53    | 61              | 66    | 81     | 121                  | 80    | 46    | 52                | 42    | 44    | 51    | 90    |
|              |                                        | 2023                   | AQI                       | -     | -                   | -     | 225   | 255             | 228   | 137    | 301                  | 309   | 214   | 149               | 200   | 243   | 266   | 243   |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 194   | -                   | 251   | 227   | 240             | 214   | 156    | 201                  | 207   | 176   | 143               | 164   | 176   | 190   | 185   |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 97    | -                   | 103   | 98    | 106             | 98    | 69     | 121                  | 132   | 94    | 75                | 90    | 103   | 110   | 103   |
|              |                                        | 2024                   | AQI                       | 179   | 127                 | 115   | 125   | 121             | 154   | 168    | 321                  | 269   | 125   | 157               | 126   | 124   | 242   | 239   |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 150   | 122                 | 122   | 132   | 132             | 134   | 147    | 185                  | 189   | 137   | 171               | 140   | 136   | 162   | 203   |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 84    | 68                  | 61    | 62    | 62              | 76    | 80     | 147                  | 111   | 59    | 77                | 57    | 54    | 103   | 102   |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                    |        | 51-100<br>Satisfactory    |       |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |        |       | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |     |
|--------------|------------------------------------|--------|---------------------------|-------|-------|---------------------|-------|-------|-----------------|--------|-------|----------------------|-------|-------|-------------------|-------|-------|-------|-----|
|              |                                    |        |                           |       |       |                     |       |       |                 | Diwali |       |                      |       |       |                   |       |       |       |     |
| Sr.<br>No.   | Date »                             | 2021 » |                           | 28-10 | 29-10 | 30-10               | 31-10 | 01-11 | 02-11           | 03-11  | 04-11 | 05-11                | 06-11 | 07-11 | 08-11             | 09-11 | 10-11 | 11-11 |     |
|              |                                    | 2022 » |                           | 17-10 | 18-10 | 19-10               | 20-10 | 21-10 | 22-10           | 23-10  | 24-10 | 25-10                | 26-10 | 27-10 | 28-10             | 29-10 | 30-10 | 31-10 |     |
|              |                                    | 2023 » |                           | 05-11 | 06-11 | 07-11               | 08-11 | 09-11 | 10-11           | 11-11  | 12-11 | 13-11                | 14-11 | 15-11 | 16-11             | 17-11 | 18-11 | 19-11 |     |
|              |                                    | 2024 » |                           | 24-10 | 25-10 | 26-10               | 27-10 | 28-10 | 29-10           | 30-10  | 31-10 | 01-11                | 02-11 | 03-11 | 04-11             | 05-11 | 06-11 | 07-11 |     |
|              | Location                           | 2025 » |                           | 13-10 | 14-10 | 15-10               | 16-10 | 17-10 | 18-10           | 19-10  | 20-10 | 21-10                | 22-10 | 23-10 | 24-10             | 25-10 | 26-10 | 27-10 |     |
| 23           | Bhopal,<br>Collectorat<br>e Office | 2023   | AQI                       | 302   | 200   | 199                 | 188   | 175   | 173             | 144    | 313   | 329                  | 255   | 309   | 304               | 321   | 326   | 321   |     |
|              |                                    |        | PM <sub>10</sub> (µg/m³)  | 191   | 159   | 163                 | 165   | 156   | 151             | 129    | 184   | 179                  | 144   | 171   | 164               | 182   | 194   | 182   |     |
|              |                                    |        | PM <sub>2.5</sub> (µg/m³) | 123   | 90    | 90                  | 87    | 82    | 82              | 73     | 137   | 158                  | 107   | 132   | 126               | 147   | 153   | 147   |     |
|              |                                    | 2024   | AQI                       | 156   | 132   | 143                 | 162   | 117   | 132             | 151    | 142   | -                    | -     | 152   | 155               | 167   | 242   | 292   |     |
|              |                                    |        | PM <sub>10</sub> (µg/m³)  | 178   | 148   | 164                 | 193   | 126   | 148             | 176    | 163   | 190                  | 182   | 178   | 182               | 200   | 227   | 238   |     |
|              |                                    |        | PM <sub>2.5</sub> (µg/m³) | 77    | 60    | 62                  | 77    | 53    | 64              | 66     | 69    | 74                   | 52    | 56    | 52                | 77    | 103   | 118   |     |
|              |                                    | 2025   | AQI                       | 105   | 109   | 132                 | 249   | 223   | 168             | 186    | 287   | 304                  | 141   | 131   | 141               | 124   | 59    | 60    |     |
|              |                                    |        | PM <sub>10</sub> (µg/m³)  | 108   | 114   | 149                 | 176   | 155   | 160             | 175    | 171   | 139                  | 139   | 137   | 142               | 130   | 59    | 61    |     |
|              |                                    |        | PM <sub>2.5</sub> (µg/m³) | 33    | 41    | 67                  | 105   | 97    | 80              | 86     | 116   | 125                  | 72    | 69    | 72                | 67    | 34    | 27    |     |
| 24           | Dewas,<br>Govt. MG<br>Hospital     | 2023   | AQI                       | 180   | 161   | 185                 | 163   | 189   | 242             | 211    | 189   | 269                  | 101   | 107   | 158               | 196   | 241   | 249   |     |
|              |                                    |        | PM <sub>10</sub> (µg/m³)  | 155   | 138   | 171                 | 160   | 169   | 183             | 163    | 104   | 147                  | 90    | 93    | 106               | 116   | 138   | 144   |     |
|              |                                    |        | PM <sub>2.5</sub> (µg/m³) | 84    | 78    | 85                  | 79    | 87    | 103             | 93     | 87    | 111                  | 60    | 62    | 78                | 89    | 102   | 105   |     |
|              |                                    | 2024   | AQI                       | -     | -     | -                   | -     | -     | -               | -      | -     | -                    | -     | -     | 125               | 152   | 112   | 173   | 208 |
|              |                                    |        | PM <sub>10</sub> (µg/m³)  | -     | -     | -                   | -     | -     | -               | -      | -     | -                    | -     | 104   | 111               | 127   | 118   | 138   | 145 |
|              |                                    |        | PM <sub>2.5</sub> (µg/m³) | -     | -     | -                   | -     | -     | -               | -      | -     | -                    | -     | 78    | 67                | 76    | 63    | 82    | 92  |
|              |                                    | 2025   | AQI                       | 109   | 109   | 106                 | 105   | 98    | 80              | 96     | 141   | 133                  | 96    | 97    | 90                | 72    | 72    | 72    |     |
|              |                                    |        | PM <sub>10</sub> (µg/m³)  | 113   | 114   | 109                 | 108   | 98    | 80              | 96     | 161   | 130                  | 96    | 97    | 90                | 70    | 26    | 34    |     |
|              |                                    |        | PM <sub>2.5</sub> (µg/m³) | 33    | 34    | 39                  | 42    | 36    | 34              | 38     | 55    | 70                   | 42    | 42    | 37                | 30    | 13    | 14    |     |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                            |        | 51-100<br>Satisfactory    |       |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |        |       | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |   |
|--------------|----------------------------|--------|---------------------------|-------|-------|---------------------|-------|-------|-----------------|--------|-------|----------------------|-------|-------|-------------------|-------|-------|-------|---|
|              |                            |        |                           |       |       |                     |       |       |                 | Diwali |       |                      |       |       |                   |       |       |       |   |
| Sr.<br>No.   | Date »                     | 2021 » |                           | 28-10 | 29-10 | 30-10               | 31-10 | 01-11 | 02-11           | 03-11  | 04-11 | 05-11                | 06-11 | 07-11 | 08-11             | 09-11 | 10-11 | 11-11 |   |
|              |                            | 2022 » |                           | 17-10 | 18-10 | 19-10               | 20-10 | 21-10 | 22-10           | 23-10  | 24-10 | 25-10                | 26-10 | 27-10 | 28-10             | 29-10 | 30-10 | 31-10 |   |
|              |                            | 2023 » |                           | 05-11 | 06-11 | 07-11               | 08-11 | 09-11 | 10-11           | 11-11  | 12-11 | 13-11                | 14-11 | 15-11 | 16-11             | 17-11 | 18-11 | 19-11 |   |
|              |                            | 2024 » |                           | 24-10 | 25-10 | 26-10               | 27-10 | 28-10 | 29-10           | 30-10  | 31-10 | 01-11                | 02-11 | 03-11 | 04-11             | 05-11 | 06-11 | 07-11 |   |
|              | Location                   | 2025 » |                           | 13-10 | 14-10 | 15-10               | 16-10 | 17-10 | 18-10           | 19-10  | 20-10 | 21-10                | 22-10 | 23-10 | 24-10             | 25-10 | 26-10 | 27-10 |   |
| 25           | Gwalior,<br>DD Nagar       | 2023   | AQI                       | 314   | 315   | 314                 | 294   | 315   | 311             | 118    | 234   | 410                  | 231   | 232   | 242               | 214   | 185   | 154   |   |
|              |                            |        | PM <sub>10</sub> (µg/m³)  | 340   | 337   | 339                 | 300   | 345   | 256             | 126    | 157   | 361                  | 188   | 237   | 244               | 225   | 203   | 181   |   |
|              |                            |        | PM <sub>2.5</sub> (µg/m³) | 138   | 139   | 138                 | 118   | 140   | 134             | 59     | 100   | 263                  | 99    | 100   | 103               | 94    | 85    | 76    |   |
|              |                            | 2024   | AQI                       | 255   | 212   | 179                 | 140   | 124   | 145             | 182    | 243   | 463                  | 320   | 275   | 339               | 328   | 330   | 285   |   |
|              |                            |        | PM <sub>10</sub> (µg/m³)  | 243   | 221   | 218                 | 161   | 137   | 167             | 180    | 189   | 337                  | 277   | 240   | 353               | 313   | 309   | 254   |   |
|              |                            |        | PM <sub>2.5</sub> (µg/m³) | 106   | 94    | 82                  | 60    | 50    | 54              | 84     | 103   | 332                  | 146   | 113   | 171               | 157   | 159   | 115   |   |
|              |                            | 2025   | AQI                       | 137   | 129   | 159                 | 179   | 174   | 201             | 193    | 248   | 349                  | 241   | 241   | 191               | 188   | 213   | 145   |   |
|              |                            |        | PM <sub>10</sub> (µg/m³)  | 155   | 143   | 189                 | 211   | 210   | 251             | 209    | 182   | 249                  | 190   | 192   | 228               | 232   | 248   | 127   |   |
|              |                            |        | PM <sub>2.5</sub> (µg/m³) | 52    | 51    | 73                  | 84    | 72    | 90              | 88     | 104   | 184                  | 102   | 102   | 87                | 83    | 94    | 73    |   |
| 26           | Indore,<br>Airport<br>Area | 2023   | AQI                       | 119   | 126   | 122                 | 118   | 114   | 106             | 103    | 97    | 103                  | 105   | 102   | 102               | 105   | 107   | 94    |   |
|              |                            |        | PM <sub>10</sub> (µg/m³)  | 54    | 54    | 55                  | 57    | 61    | 23              | 22     | 39    | 66                   | 20    | 17    | 23                | 24    | 25    | 32    |   |
|              |                            |        | PM <sub>2.5</sub> (µg/m³) | -     | -     | -                   | -     | -     | -               | -      | -     | -                    | -     | -     | -                 | -     | -     | -     |   |
|              |                            | 2024   | AQI                       | -     | 94    | 101                 | 105   | 187   | 109             | 64     | 68    | -                    | -     | -     | -                 | -     | -     | -     | - |
|              |                            |        | PM <sub>10</sub> (µg/m³)  | 82    | 63    | 74                  | 77    | 101   | 74              | 64     | 68    | 119                  | -     | -     | -                 | -     | -     | -     | - |
|              |                            |        | PM <sub>2.5</sub> (µg/m³) | 72    | 56    | 60                  | 62    | 86    | 63              | 63     | -     | -                    | -     | -     | -                 | -     | -     | -     | - |
|              |                            | 2025   | AQI                       | 86    | 102   | 111                 | 92    | 107   | 81              | 85     | 124   | 296                  | 77    | 81    | 77                | 53    | 20    | -     | - |
|              |                            |        | PM <sub>10</sub> (µg/m³)  | 86    | 103   | 116                 | 92    | 110   | 81              | 85     | 136   | 213                  | 77    | 81    | 77                | 53    | 16    | 24    | - |
|              |                            |        | PM <sub>2.5</sub> (µg/m³) | 32    | 39    | 48                  | 41    | 46    | 36              | 40     | 65    | 119                  | 39    | 36    | 35                | 25    | 8     | 12    | - |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                        | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|----------------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                        |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                                 | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                        | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                        | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                        | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                               | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 27           | Indore,<br>Maguda<br>Nagar             | 2023                   | AQI                       | 441   | 189                 | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 463   | 233                 | 17    | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 8     | 9                   | 22    | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        | 2024                   | AQI                       | 70    | 61                  | 97    | 142   | 69              | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | -     | -                   | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 42    | 37                  | 58    | 73    | 42              | 53    | 73     | 185                  | 283   | 273   | 160               | 135   | 256   | 193   | 70    |
|              |                                        | 2025                   | AQI                       | 79    | 79                  | 78    | 76    | 70              | 50    | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 79.4  | 79.45               | 77.58 | 75.61 | 69.9            | 49.84 | 46.53  | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | -     | -                   | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
| 28           | Indore,<br>Regional<br>Park N<br>Nigam | 2023                   | AQI                       | 61    | 56                  | -     | 52    | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     |       |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 48    | 50                  | 67    | 59    | 54              | 43    | 55     | 52                   | 104   | 41    | 30                | 221   | 232   | 68    | 63    |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 23    | 23                  | 31    | 27    | 22              | 18    | 26     | 28                   | 54    | 24    | 19                | 114   | 75    | 38    | 34    |
|              |                                        | 2024                   | AQI                       | 171   | 143                 | 132   | 132   | 120             | 60    | 60     | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 206   | 165                 | 148   | 148   | 129             | 90    | -      | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 63    | 53                  | 46    | 47    | 43              | 32    | 34     | -                    | -     | -     | -                 | -     | -     | -     | -     |
|              |                                        | 2025                   | AQI                       | 77    | 77                  | -     | -     | -               | 63    | 73     | 79                   | 107   | 82    | 71                | 78    | 56    | 27    | 41    |
|              |                                        |                        | PM <sub>10</sub> (µg/m³)  | 77    | 77                  | 78    | -     | 76              | 63    | 73     | 79                   | 110   | 82    | 71                | 78    | 56    | 27    | 41    |
|              |                                        |                        | PM <sub>2.5</sub> (µg/m³) | 37    | 40                  | 45    | -     | 31              | 31    | 36     | 38                   | 55    | 35    | 31                | 33    | 24    | 9     | 17    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                |        | 51-100<br>Satisfactory    |       |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |        |       | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |
|--------------|--------------------------------|--------|---------------------------|-------|-------|---------------------|-------|-------|-----------------|--------|-------|----------------------|-------|-------|-------------------|-------|-------|-------|
|              |                                |        |                           |       |       |                     |       |       |                 | Diwali |       |                      |       |       |                   |       |       |       |
| Sr.<br>No.   | Date »                         | 2021 » |                           | 28-10 | 29-10 | 30-10               | 31-10 | 01-11 | 02-11           | 03-11  | 04-11 | 05-11                | 06-11 | 07-11 | 08-11             | 09-11 | 10-11 | 11-11 |
|              |                                | 2022 » |                           | 17-10 | 18-10 | 19-10               | 20-10 | 21-10 | 22-10           | 23-10  | 24-10 | 25-10                | 26-10 | 27-10 | 28-10             | 29-10 | 30-10 | 31-10 |
|              |                                | 2023 » |                           | 05-11 | 06-11 | 07-11               | 08-11 | 09-11 | 10-11           | 11-11  | 12-11 | 13-11                | 14-11 | 15-11 | 16-11             | 17-11 | 18-11 | 19-11 |
|              |                                | 2024 » |                           | 24-10 | 25-10 | 26-10               | 27-10 | 28-10 | 29-10           | 30-10  | 31-10 | 01-11                | 02-11 | 03-11 | 04-11             | 05-11 | 06-11 | 07-11 |
|              | Location                       | 2025 » |                           | 13-10 | 14-10 | 15-10               | 16-10 | 17-10 | 18-10           | 19-10  | 20-10 | 21-10                | 22-10 | 23-10 | 24-10             | 25-10 | 26-10 | 27-10 |
| 29           | Indore,<br>Residency<br>Area   | 2023   | AQI                       | 130   | 115   | 136                 | 132   | 129   | 121             | 90     | 48    | 65                   | 48    | 53    | 72                | 86    | 98    | 89    |
|              |                                |        | PM <sub>10</sub> (µg/m³)  | 132   | 117   | 137                 | 147   | 134   | 124             | 57     | 46    | 65                   | 48    | 53    | 72                | 86    | 98    | 89    |
|              |                                |        | PM <sub>2.5</sub> (µg/m³) | 69    | 58    | 71                  | 68    | 69    | 66              | 54     | 29    | -                    | -     | -     | 31                | 35    | 83    | 60    |
|              |                                | 2024   | AQI                       | 109   | 95    | 105                 | 82    | 77    | 98              | 121    | 139   | 173                  | 124   | 103   | 113               | 105   | 113   | 111   |
|              |                                |        | PM <sub>10</sub> (µg/m³)  | 113   | 95    | 108                 | 197   | 82    | 98              | 131    | 158   | 209                  | 136   | 104   | 120               | 108   | 120   | 118   |
|              |                                |        | PM <sub>2.5</sub> (µg/m³) | 48    | 41    | 44                  | 49    | 46    | 46              | 74     | -     | -                    | -     | -     | -                 | -     | -     | -     |
|              |                                | 2025   | AQI                       | 98    | 99    | 101                 | 90    | 87    | 67              | 83     | 112   | 176                  | 65    | 72    | 67                | 48    | 29    | 33    |
|              |                                |        | PM <sub>10</sub> (µg/m³)  | 98    | 99    | 102                 | 90    | 86    | 67              | 83     | 118   | 158                  | 65    | 72    | 67                | 48    | 17    | 32    |
|              |                                |        | PM <sub>2.5</sub> (µg/m³) | 49    | 51    | 56                  | 47    | 52    | 36              | 46     | 63    | 83                   | 38    | 40    | 36                | 28    | 10    | 19    |
| 30           | Khandwa,<br>Lok Seva<br>Kendra | 2023   | AQI                       | 73    | 71    | 79                  | 79    | 90    | 103             | 116    | 160   | 311                  | 76    | 71    | 86                | 132   | 168   | 95    |
|              |                                |        | PM <sub>10</sub> (µg/m³)  | 62    | 65    | 73                  | 61    | 69    | 78              | 77     | 102   | 153                  | 59    | 59    | 71                | 92    | 93    | 70    |
|              |                                |        | PM <sub>2.5</sub> (µg/m³) | 44    | 42    | 47                  | 47    | 54    | 61              | 65     | 78    | 134                  | 46    | 43    | 52                | 70    | 81    | 57    |
|              |                                | 2024   | AQI                       | 125   | 123   | 66                  | 72    | 85    | 72              | 95     | 193   | 267                  | 74    | 77    | 80                | 78    | 77    | 96    |
|              |                                |        | PM <sub>10</sub> (µg/m³)  | 90    | 62    | 54                  | 61    | 68    | 61              | 69     | 108   | 128                  | 55    | 57    | 62                | 60    | 57    | 67    |
|              |                                |        | PM <sub>2.5</sub> (µg/m³) | 57    | 41    | 39                  | 43    | 51    | 43              | 57     | 88    | 110                  | 45    | 46    | 48                | 47    | 46    | 58    |
|              |                                | 2025   | AQI                       | -     | -     | -                   | -     | 93    | 75              | 82     | 78    | 195                  | 40    | 36    | 49                | 35    | 77    | 37    |
|              |                                |        | PM <sub>10</sub> (µg/m³)  | 61    | 60    | 63                  | 63    | 93    | 75              | 82     | 78    | 156                  | 40    | 33    | 49                | 34    | 77    | 23    |
|              |                                |        | PM <sub>2.5</sub> (µg/m³) | 27    | 34    | 30                  | 29    | 27    | 39              | 43     | 38    | 89                   | 18    | 20    | 26                | 15    | 13    | 12    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                                 |        | 51-100<br>Satisfactory    |       |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |        |       | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |
|--------------|-------------------------------------------------|--------|---------------------------|-------|-------|---------------------|-------|-------|-----------------|--------|-------|----------------------|-------|-------|-------------------|-------|-------|-------|
|              |                                                 |        |                           |       |       |                     |       |       |                 | Diwali |       |                      |       |       |                   |       |       |       |
| Sr.<br>No.   | Date »                                          | 2021 » |                           | 28-10 | 29-10 | 30-10               | 31-10 | 01-11 | 02-11           | 03-11  | 04-11 | 05-11                | 06-11 | 07-11 | 08-11             | 09-11 | 10-11 | 11-11 |
|              |                                                 | 2022 » |                           | 17-10 | 18-10 | 19-10               | 20-10 | 21-10 | 22-10           | 23-10  | 24-10 | 25-10                | 26-10 | 27-10 | 28-10             | 29-10 | 30-10 | 31-10 |
|              |                                                 | 2023 » |                           | 05-11 | 06-11 | 07-11               | 08-11 | 09-11 | 10-11           | 11-11  | 12-11 | 13-11                | 14-11 | 15-11 | 16-11             | 17-11 | 18-11 | 19-11 |
|              |                                                 | 2024 » |                           | 24-10 | 25-10 | 26-10               | 27-10 | 28-10 | 29-10           | 30-10  | 31-10 | 01-11                | 02-11 | 03-11 | 04-11             | 05-11 | 06-11 | 07-11 |
|              | Location                                        | 2025 » |                           | 13-10 | 14-10 | 15-10               | 16-10 | 17-10 | 18-10           | 19-10  | 20-10 | 21-10                | 22-10 | 23-10 | 24-10             | 25-10 | 26-10 | 27-10 |
| 31           | Khargone,<br>Nagar<br>Palika                    | 2023   | AQI                       | 97    | 104   | 117                 | 111   | 119   | 128             | 125    | 158   | 112                  | 109   | 107   | 112               | 110   | 120   | 110   |
|              |                                                 |        | PM <sub>10</sub> (µg/m³)  | 97    | 106   | 125                 | 117   | 128   | 142             | 138    | 187   | 119                  | 113   | 111   | 118               | 114   | 130   | 115   |
|              |                                                 |        | PM <sub>2.5</sub> (µg/m³) | -     | -     | -                   | -     | -     | -               | -      | -     | -                    | -     | -     | -                 | -     | -     | -     |
|              |                                                 | 2024   | AQI                       | 43    | 44    | 39                  | 39    | 40    | 40              | 44     | 76    | 43                   | 36    | 36    | 43                | 41    | 43    | 43    |
|              |                                                 |        | PM <sub>10</sub> (µg/m³)  | 39    | 37    | 39                  | 39    | 40    | 40              | 39     | 50    | 42                   | 36    | 36    | 43                | 41    | 43    | 23    |
|              |                                                 |        | PM <sub>2.5</sub> (µg/m³) | 26    | 25    | 23                  | 21    | 21    | 23              | 27     | 46    | 26                   | 20    | 21    | 21                | 21    | 23    | 26    |
|              |                                                 | 2025   | AQI                       | -     | -     | -                   | -     | 39    | 48              | 69     | 83    | 132                  | 51    | 46    | 41                | 39    | 52    | 44    |
|              |                                                 |        | PM <sub>10</sub> (µg/m³)  | -     | -     | -                   | 34    | 36    | -               | -      | -     | -                    | 30    | 25    | 34                | 28    | -     | -     |
|              |                                                 |        | PM <sub>2.5</sub> (µg/m³) | -     | -     | -                   | 16    | 24    | 29              | 41     | 50    | 70                   | 22    | 27    | 21                | 15    | 28    | 15    |
| 32           | Narsinghpur,<br>District<br>Education<br>Office | 2022   | AQI                       | 248   | 220   | 241                 | 124   | 138   | 141             | 145    | 129   | 128                  | 113   | 111   | 127               | 126   | 139   | 122   |
|              |                                                 |        | PM <sub>10</sub> (µg/m³)  | 122   | 120   | 120                 | 136   | 157   | 161             | 168    | 143   | 142                  | 119   | 117   | 141               | 139   | 159   | 134   |
|              |                                                 |        | PM <sub>2.5</sub> (µg/m³) | 104   | 96    | 102                 | 60    | -     | -               | -      | -     | -                    | -     | -     | -                 | -     | -     | -     |
|              |                                                 | 2024   | AQI                       | 201   | 141   | 133                 | 147   | 143   | -               | 104    | 123   | 163                  | 118   | 149   | 146               | 164   | 204   | 249   |
|              |                                                 |        | PM <sub>10</sub> (µg/m³)  | 163   | 130   | 132                 | 129   | 128   | 94              | 106    | 102   | 132                  | 111   | 127   | 129               | 147   | 152   | 169   |
|              |                                                 |        | PM <sub>2.5</sub> (µg/m³) | 90    | 72    | 70                  | 74    | 73    | 60              | 70     | 67    | 79                   | 65    | 75    | 74                | 79    | 91    | 105   |
|              |                                                 | 2025   | AQI                       | 111   | 184   | 227                 | 192   | 209   | 147             | 123    | 208   | 174                  | 82    | 104   | 179               | 195   | 61    | 44    |
|              |                                                 |        | PM <sub>10</sub> (µg/m³)  | 116   | 135   | 222                 | 151   | 159   | 136             | 121    | 153   | 127                  | 82    | 99    | 141               | 146   | 52    | 46    |
|              |                                                 |        | PM <sub>2.5</sub> (µg/m³) | 54    | 85    | 98                  | 88    | 93    | 74              | 67     | 92    | 82                   | 49    | 61    | 84                | 89    | 37    | 26    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                                           | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |
|--------------|-------------------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|
|              |                                           |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |
| Sr.<br>No.   | Date »                                    | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |
|              |                                           | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |
|              |                                           | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |
|              |                                           | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |
|              | Location                                  | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |
| 33           | Singrauli,<br>Trauma<br>Centre<br>Waidhan | 2023                   | AQI                       | 239   | 190                 | 215   | 272   | 237             | 249   | 262    | 373                  | 310   | 304   | 305               | 309   | 301   | 306   | 218   |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 213   | 200                 | 209   | 229   | 224             | 221   | 224    | 324                  | 211   | 210   | 218               | 214   | 208   | 219   | 171   |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | 102   | 87                  | 95    | 112   | 101             | 105   | 109    | 215                  | 133   | 125   | 126               | 132   | 122   | 128   | 95    |
|              |                                           | 2024                   | AQI                       | -     | 71                  | 91    | 112   | 93              | 180   | 178    | 143                  | 186   | 209   | 272               | 262   | 273   | 305   | 306   |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 106   | 63                  | 76    | 61    | 65              | 129   | 138    | 112                  | 151   | 159   | 175               | 195   | 188   | 200   | 219   |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | 58    | 42                  | 54    | 63    | 56              | 84    | 83     | 73                   | 86    | 93    | 112               | 109   | 112   | 127   | 128   |
|              |                                           | 2025                   | AQI                       | 123   | 125                 | 123   | 117   | 141             | 122   | 127    | 122                  | 133   | 116   | 121               | 166   | 124   | 108   | 78    |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 135   | 137                 | 134   | 125   | 137             | 133   | 141    | 133                  | 146   | 124   | 131               | 142   | 121   | 111   | 76    |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | 47    | 56                  | 55    | 56    | 72              | 66    | 63     | 64                   | 70    | 60    | 65                | 80    | 67    | 62    | 47    |
| 34           | Gwalior,<br>Phool Bagh                    | 2021                   | AQI                       | 74    | 71                  | 55    | 60    | 59              | 244   | 214    | 301                  | 359   | 157   | -                 | -     | -     | 362   | 349   |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 74    | 71                  | 55    | 60    | 59              | 89    | 78     | 71                   | 68    | 68    | 68                | 215   | 288   | 190   | 142   |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | -     | -                   | -     | -     | 78              | 103   | 94     | 121                  | 196   | 77    | 77                | 64    | 330   | 201   | 183   |
|              |                                           | 2023                   | AQI                       | 283   | 308                 | 311   | 196   | 247             | 241   | 79     | 135                  | 385   | 302   | 310               | 301   | -     | 265   | 301   |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 166   | 188                 | 194   | 128   | 151             | 148   | 69     | 102                  | 276   | 178   | 192               | 175   | 184   | 158   | 175   |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | 115   | 130                 | 134   | 89    | 104             | 102   | 48     | 70                   | 230   | 123   | 133               | 121   | 123   | 110   | 121   |
| 35           | Jabalpur,<br>Govindh<br>Bhavan<br>Colony  | 2024                   | AQI                       | 66    | 64                  | 49    | 61    | 49              | 65    | 80     | 112                  | 179   | 79    | 73                | 81    | 83    | 121   | 150   |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 66    | 64                  | 49    | 61    | 49              | 65    | 80     | 118                  | 165   | 79    | 73                | 81    | 83    | 102   | 113   |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | 32    | 32                  | 25    | 31    | 25              | 33    | 41     | 60                   | 84    | 40    | 37                | 41    | 45    | 66    | 75    |
|              |                                           | 2025                   | AQI                       | 72    | 98                  | 103   | 100   | 83              | 76    | 77     | 96                   | 76    | 58    | 66                | 97    | 109   | 36    | 46    |
|              |                                           |                        | PM <sub>10</sub> (µg/m³)  | 72    | 98                  | 103   | 100   | 83              | 76    | 77     | 94                   | 72    | 55    | 66                | 93    | 98    | 36    | 46    |
|              |                                           |                        | PM <sub>2.5</sub> (µg/m³) | 34    | 55                  | 61    | 60    | 48              | 43    | 44     | 58                   | 45    | 35    | 39                | 58    | 63    | 22    | 27    |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                            | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |       |    |
|--------------|----------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-------|----|
|              |                            |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |       |    |
| Sr.<br>No.   | Date »                     | 2021 »                 |                           | 28-10 | 29-10               | 30-10 | 31-10 | 01-11           | 02-11 | 03-11  | 04-11                | 05-11 | 06-11 | 07-11             | 08-11 | 09-11 | 10-11 | 11-11 |    |
|              |                            | 2022 »                 |                           | 17-10 | 18-10               | 19-10 | 20-10 | 21-10           | 22-10 | 23-10  | 24-10                | 25-10 | 26-10 | 27-10             | 28-10 | 29-10 | 30-10 | 31-10 |    |
|              |                            | 2023 »                 |                           | 05-11 | 06-11               | 07-11 | 08-11 | 09-11           | 10-11 | 11-11  | 12-11                | 13-11 | 14-11 | 15-11             | 16-11 | 17-11 | 18-11 | 19-11 |    |
|              |                            | 2024 »                 |                           | 24-10 | 25-10               | 26-10 | 27-10 | 28-10           | 29-10 | 30-10  | 31-10                | 01-11 | 02-11 | 03-11             | 04-11 | 05-11 | 06-11 | 07-11 |    |
|              | Location                   | 2025 »                 |                           | 13-10 | 14-10               | 15-10 | 16-10 | 17-10           | 18-10 | 19-10  | 20-10                | 21-10 | 22-10 | 23-10             | 24-10 | 25-10 | 26-10 | 27-10 |    |
| 36           | Jabalpur,<br>Gupteshwar    | 2024                   | AQI                       | 101   | 92                  | 65    | 94    | 80              | 109   | 131    | 198                  | 287   | 256   | 206               | 303   | 299   | 311   | 198   |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 93    | 85                  | 61    | 85    | 73              | 88    | 89     | 107                  | 209   | 191   | 175               | 199   | 196   | 185   | 128   |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 60    | 55                  | 39    | 57    | 48              | 63    | 69     | 89                   | 116   | 107   | 92                | 124   | 120   | 134   | 89    |    |
|              |                            | 2025                   | AQI                       | 103   | 106                 | 107   | 115   | 110             | 104   | 96     | 185                  | 359   | 132   | 122               | 143   | 160   | 70    | 74    |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 104   | 108                 | 111   | 123   | 115             | 106   | 96     | 141                  | 238   | 148   | 94                | 113   | 125   | 70    | 61    |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 24    | 32                  | 37    | 40    | 34              | 30    | 30     | 85                   | 196   | 108   | 67                | 73    | 78    | 40    | 44    |    |
| 37           | Jabalpur,<br>Suhagi        | 2024                   | AQI                       | 124   | 105                 | 93    | 99    | 84              | 92    | 101    | 201                  | 313   | 162   | 142               | 156   | 251   | 276   | 196   |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 136   | 107                 | 93    | 99    | 84              | 92    | 101    | 160                  | 232   | 168   | 157               | 181   | 212   | 210   | 173   |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 57    | 45                  | 41    | 46    | 40              | 49    | 51     | 90                   | 137   | 79    | 73                | 77    | 105   | 113   | 89    |    |
|              |                            | 2025                   | AQI                       | 94    | 107                 | 123   | 122   | 105             | 93    | 91     | 199                  | 225   | 94    | 168               | 257   | 253   | 81    | 89    |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 94    | 111                 | 134   | 134   | 107             | 93    | 91     | 116                  | 155   | 94    | 133               | 175   | 176   | 81    | 89    |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 32    | 46                  | 65    | 64    | 48              | 51    | 52     | 90                   | 97    | 57    | 80                | 107   | 106   | 48    | 49    |    |
| 38           | Neemuch,<br>Civil Hospital | 2024                   | AQI                       | 30    | -                   | -     | -     | -               | -     | 96     | 117                  | 117   | 90    | 70                | 66    | 85    | 111   | 31    |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | -     | -                   | -     | -     | -               | 99    | 96     | 125                  | 125   | 90    | 70                | 66    | 85    | 117   | 170   |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 18    | 18                  | 19    | 19    | 19              | 19    | 18     | 19                   | 18    | 19    | 18                | 19    | 19    | 18    | 19    |    |
|              |                            | 2025                   | AQI                       | -     | 33                  | 35    | 36    | 40              | 54    | 59     | 60                   | 58    | 59    | 60                | 60    | 62    | 69    | 73    |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 4     | 6                   | 6     | 9     | 9               | 6     | 7      | 11                   | 10    | 8     | 7                 | 10    | 10    | 7     | 7     |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | -     | -                   | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | -     | 6  |
| 39           | Panna,<br>Collectorate     | 2024                   | AQI                       | 102   | 70                  | 58    | 44    | 54              | 70    | 87     | 105                  | 121   | 93    | 89                | 97    | 152   | 157   | 137   |    |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 103   | 70                  | 58    | 44    | 50              | 65    | 87     | 107                  | 131   | 93    | 89                | 97    | 115   | 112   | 107   |    |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 58    | 35                  | 31    | 26    | 32              | 42    | 41     | 40                   | 65    | 49    | 46                | 58    | 76    | 77    | 71    |    |
|              |                            | 2025                   | AQI                       | 99    | -                   | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | -     | 105   | -  |
|              |                            |                        | PM <sub>10</sub> (µg/m³)  | 99    | 111                 | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | 124   | 107   | 75 |
|              |                            |                        | PM <sub>2.5</sub> (µg/m³) | 32    | 48                  | -     | -     | -               | -     | -      | -                    | -     | -     | -                 | -     | -     | 65    | 56    | 48 |

## Comparison of Pre and Post Diwali AQI & PM during last five years

| 0-50<br>Good |                              | 51-100<br>Satisfactory |                           |       | 101-200<br>Moderate |       |       | 201-300<br>Poor |       |        | 301-400<br>Very Poor |       |       | 401-500<br>Severe |       |       |       |     |
|--------------|------------------------------|------------------------|---------------------------|-------|---------------------|-------|-------|-----------------|-------|--------|----------------------|-------|-------|-------------------|-------|-------|-------|-----|
|              |                              |                        |                           |       |                     |       |       |                 |       | Diwali |                      |       |       |                   |       |       |       |     |
| Sr.<br>No.   | Date »                       | 2021 »                 | 28-10                     | 29-10 | 30-10               | 31-10 | 01-11 | 02-11           | 03-11 | 04-11  | 05-11                | 06-11 | 07-11 | 08-11             | 09-11 | 10-11 | 11-11 |     |
|              |                              | 2022 »                 | 17-10                     | 18-10 | 19-10               | 20-10 | 21-10 | 22-10           | 23-10 | 24-10  | 25-10                | 26-10 | 27-10 | 28-10             | 29-10 | 30-10 | 31-10 |     |
|              |                              | 2023 »                 | 05-11                     | 06-11 | 07-11               | 08-11 | 09-11 | 10-11           | 11-11 | 12-11  | 13-11                | 14-11 | 15-11 | 16-11             | 17-11 | 18-11 | 19-11 |     |
|              |                              | 2024 »                 | 24-10                     | 25-10 | 26-10               | 27-10 | 28-10 | 29-10           | 30-10 | 31-10  | 01-11                | 02-11 | 03-11 | 04-11             | 05-11 | 06-11 | 07-11 |     |
|              | Location                     | 2025 »                 | 13-10                     | 14-10 | 15-10               | 16-10 | 17-10 | 18-10           | 19-10 | 20-10  | 21-10                | 22-10 | 23-10 | 24-10             | 25-10 | 26-10 | 27-10 |     |
| 40           | Rewa,<br>Collector<br>Office | 2021                   | AQI                       | 125   | -                   | -     | -     | -               | -     | 108    | 98                   | -     | -     | -                 | 118   | -     | 122   |     |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 99    | 111                 | 60    | -     | -               | -     | 98     | 112                  | 98    | 101   | -                 | 130   | 127   | 151   | 133 |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 68    | 68                  | 18    | -     | -               | -     | 30     | 40                   | 30    | 43    | -                 | 44    | 47    | 36    | 45  |
|              |                              | 2022                   | AQI                       | 40    | -                   | -     | 98    | 87              | 51    | -      | -                    | 201   | -     | 99                | 99    | 109   | 96    | 91  |
|              |                              |                        | PM <sub>10</sub> (µg/m³)  | 40    | 45                  | 57    | 98    | 87              | 50    | 34     | 125                  | 177   | 123   | 99                | 92    | 97    | 90    | 86  |
|              |                              |                        | PM <sub>2.5</sub> (µg/m³) | 18    | 17                  | 33    | 33    | 33              | 30    | 23     | 67                   | 90    | 75    | 59                | 59    | 63    | 57    | 54  |