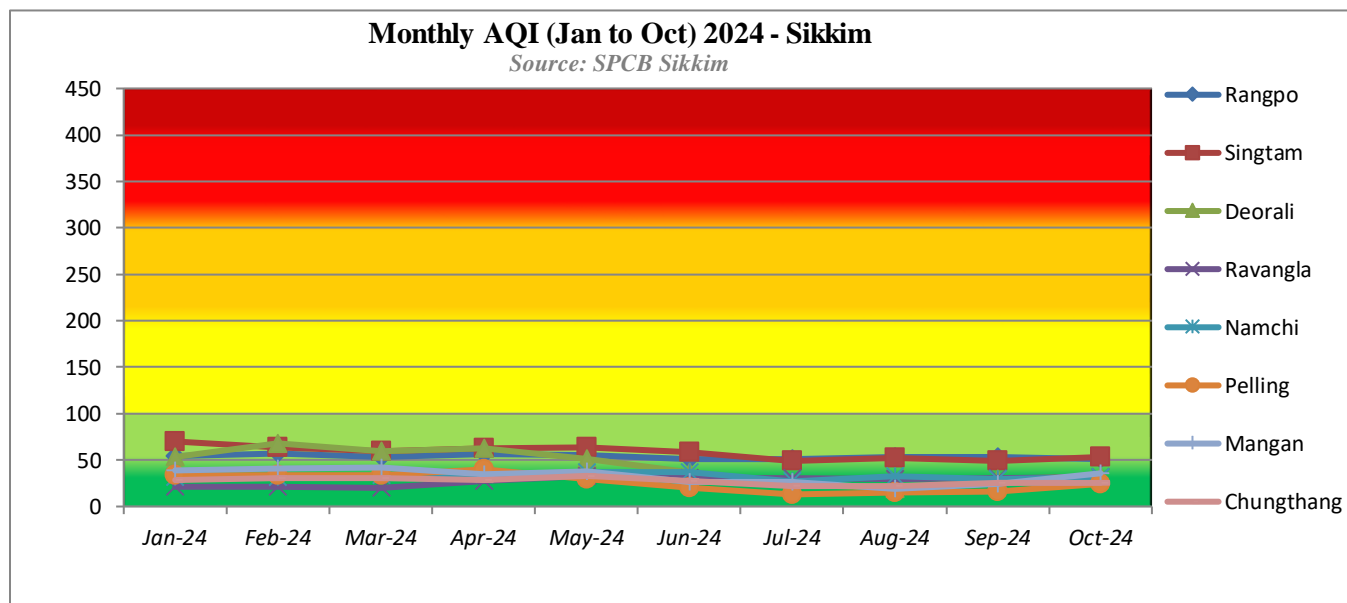


# AMBIENT AIR QUALITY INDEX (AQI) OF EIGHT STATIONS AT SIKKIM

Source: State Pollution Control Board Sikkim

| S<br>N | Name of Station          | MONTHLY AQI FOR THE YEAR 2024 |     |     |     |     |     |     |     |     |     |     |     |
|--------|--------------------------|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|        |                          | Jan                           | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1      | Rangpo, East Sikkim      | 54                            | 57  | 53  | 56  | 55  | 51  | 51  | 53  | 53  | 51  |     |     |
| 2      | Singtam, East Sikkim     | 70                            | 64  | 60  | 63  | 64  | 58  | 49  | 52  | 49  | 53  |     |     |
| 3      | Deorali, East Sikkim     | 53                            | 68  | 59  | 63  | 51  | 37  | 24  | 19  | 30  | 33  |     |     |
| 4      | Ravangla, South Sikkim   | 21                            | 21  | 20  | 27  | 33  | 31  | 31  | 30  | 31  | 32  |     |     |
| 5      | Namchi, South Sikkim     | 32                            | 32  | 34  | 35  | 37  | 37  | 27  | 33  | 30  | 32  |     |     |
| 6      | Pelling, West Sikkim     | 34                            | 34  | 34  | 40  | 30  | 20  | 13  | 15  | 16  | 24  |     |     |
| 7      | Mangan, North Sikkim     | 39                            | 41  | 42  | 35  | 38  | 26  | 26  | 19  | 24  | 36  |     |     |
| 8      | Chungthang, North Sikkim | 29                            | 31  | 31  | 28  | 33  | 27  | 22  | 22  | 25  | 25  |     |     |



## National AQI Category and its associated health impacts

|                        |   |
|------------------------|---|
| Good<br>0-50           | Minimal Impact  |
| Satisfactory<br>51-100 | Minor breathing discomfort to sensitive people  |
| Moderate<br>101-200    | Breathing discomfort to the people with lung, health disease, children and older adults |
| Poor<br>201-300        | Breathing discomfort to people on prolonged exposure                                    |
| Very Poor<br>301-400   | Respiratory illness to the people on prolonged exposure                                 |
| Severe<br>(>401)       | Respiratory effects even on healthy people  |