

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
DECEMBER (3rd and 5th)2019

| SN | LOCATION | AIR QUALITY INDEX | |
|----|------------------------|-------------------|-------------------|
| | NAME OF STATION | 03.12.2019 | 05.12.2019 |
| 1 | RANGPO, East Sikkim | 45 (Good) | 50 (Good) |
| 2 | SINGTAM, East Sikkim | 51 (Satisfactory) | 52 (Satisfactory) |
| 3 | DEORALI, East Sikkim | 55 (Satisfactory) | 58 (Satisfactory) |
| 4 | RAVANGLA, South Sikkim | 28 (Good) | 25 (Good) |
| 5 | NAMCHI, South Sikkim | 27 (Good) | 25 (Good) |
| 6 | PELLING, West Sikkim | 25 (Good) | 24 (Good) |
| 7 | MANGAN, North Sikkim | 29 (Good) | 29 (Good) |

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

Note: Monitoring at Chungthang Station was not done to some technical issues.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF SEVEN STATIONS UNDER NAMP
 FOR THE MONTH OF DECEMBER (3rd and 5th) 2019

| STATION | DATE | STANDARD OF PARAMETERS BY C.P.C.B | | |
|--|------------|-----------------------------------|-----------------------------------|-----------------------------------|
| | | PM10 ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) | PM10 ($\mu\text{g}/\text{m}^3$) |
| RANGPO | 03.12.2019 | 44.92 | 7.84 | 13.25 |
| | 05.12.2019 | 50.31 | 7.70 | 6.25 |
| SINGTAM | 03.12.2019 | 50.82 | 6.3 | 6.96 |
| | 05.12.2019 | 52.33 | 6.5 | 7.06 |
| DEORALI, GANGTOK | 03.12.2019 | 55.21 | 6.38 | 12.82 |
| | 05.12.2019 | 57.66 | 5.11 | 13.10 |
| PELLING | 03.12.2019 | 25.2 | 4.84 | 1.16 |
| | 05.12.2019 | 24.0 | 5.41 | 1.96 |
| RAVANGLA | 03.12.2019 | 27.61 | 4.2 | 3.92 |
| | 05.12.2019 | 24.82 | 4.9 | 3.71 |
| NAMCHI | 03.12.2019 | 27.24 | 5.2 | 5.72 |
| | 05.12.2019 | 25.12 | 6.5 | 5.73 |
| MANGAN | 03.12.2019 | 28.82 | 5.21 | 6.49 |
| | 05.12.2019 | 28.66 | 3.13 | 4.89 |
| National Ambient Air Quality Standards (NAAQS – 24 hrs) | | 100 | 80 | 80 |

Note: Monitoring at Chungthang Station was not done to some technical issues.