

**STATE POLLUTION CONTROL BOARD-SIKKIM**

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF  
JANUARY (3<sup>rd</sup> WEEK) 2019.**

S.No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	15.01.2019	19.01.2019
1	RANGPO, East Sikkim	93(satisfactory)	72(satisfactory)
2	SINGTAM, East Sikkim	64(satisfactory)	62(satisfactory)
3	DEORALI, Gangtok, East Sikkim	73(satisfactory)	77(satisfactory)
4	RAVANGLA, South Sikkim	13(Good)	15(Good)
5	NAMCHI, South Sikkim	33(Good)	34(Good)
6	PELLING, West Sikkim	41(Good)	31(Good)
7	CHUNGTHANG, North Sikkim	32(Good)	31(Good)
8	MANGAN, North Sikkim	55(satisfactory)	57(satisfactory)

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

**Interpretation of Ambient Air Quality Data/Results:**

As per the findings of the Ambient Air Quality monitoring, the quality of Ambient Air remains unaffected during the month of January 3<sup>rd</sup> week 2019 (i.e. 15.01.2019 and 19.01.2019) and as per the AQI, the quality of air at almost all the locations were good except the pollutants level of Rangpo, Singtam, Deorali (Gangtok) and Mangan are higher due to maximum movement of vehicles in the surrounding area.

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE MONTH OF JANUARY (3<sup>rd</sup> WEEK) 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )
RANGPO	15/01/2019	92.91	1.67	10.82
	19/01/2019	72.71	3.68	7.77
SINGTAM	15/01/2019	63.96	5.7	4.42
	19/01/2019	61.53	6.3	4.89
DEORALI	15/01/2019	72.66	5.27	6.92
	19/01/2019	77.02	5.24	6.43
PELLING	15/01/2019	40.8	2.5	1.71
	19/01/2019	31.1	2.19	1.33
RAVANGLA	15/01/2019	12.98	2.2	2.48
	19/01/2019	15.29	2.9	3.56
NAMCHI	15/01/2019	33.35	6.2	3.73
	19/01/2019	34.19	5.7	4.82
CHUNGTHANG	15/01/2019	32.42	6.2	2.04
	19/01/2019	31.37	6.7	2.05
MANGAN	15/01/2019	54.68	6.1	3.92
	19/01/2019	57.33	6.3	4.22
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>