

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF**  
**JANUARY (7<sup>th</sup> and 9<sup>th</sup>) 2020**

SN	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	07.01.2020	09.01.2020
1	RANGPO, East Sikkim	66 (Satisfactory)	77 (Good)
2	SINGTAM, East Sikkim	47 (Good)	51 (Satisfactory)
3	DEORALI, East Sikkim	65 (Satisfactory)	52 (Satisfactory)
4	RAVANGLA, South Sikkim	27 (Good)	27 (Good)
5	NAMCHI, South Sikkim	29 (Good)	26 (Good)
6	PELLING, West Sikkim	28 (Good)	28 (Good)
7	MANGAN, North Sikkim	28 (Good)	18 (Good)

<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

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

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF SEVEN STATIONS UNDER NAMP  
 FOR THE MONTH OF JANUARY (7<sup>th</sup> and 9<sup>th</sup>) 2020

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	07.01.2020	65.74	6.70	8.65
	09.01.2020	76.92	6.93	4.62
SINGTAM	07.01.2020	46.64	6.4	6.66
	09.01.2020	50.58	6.8	7.06
DEORALI, GANGTOK	07.01.2020	65.8	6.24	13.16
	09.01.2020	51.83	5.10	12.43
PELLING	07.01.2020	28.8	4.69	2.60
	09.01.2020	28.4	4.51	2.10
RAVANGLA	07.01.2020	26.80	3.9	2.91
	09.01.2020	26.70	3.7	2.76
NAMCHI	07.01.2020	29.41	3.8	5.52
	09.01.2020	26.40	5.3	6.15
MANGAN	07.01.2020	28.29	3.14	3.97
	09.01.2020	17.64	3.12	2.92
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>

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