

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD OF**  
**5<sup>th</sup>, 7<sup>th</sup>, 12<sup>th</sup> and 15<sup>th</sup> JANUARY 2021**

S N	LOCATION	AIR QUALITY INDEX			
	NAME OF STATION	05.01.2021	07.01.2021	12.01.2021	15.01.2021
1	RANGPO, East Sikkim	60 (Satisfactory)	62 (Satisfactory)	63 (Satisfactory)	64 (Satisfactory)
2	SINGTAM, East Sikkim	41 (Good)	44 (Good)	45 (Good)	42 (Good)
3	DEORALI, East Sikkim	49 (Good)	51 (Satisfactory)	58 (Satisfactory))	60 (Satisfactory)
4	RAVANGLA, South Sikkim	21 (Good)	20 (Good)	18 (Good)	18 (Good)
5	NAMCHI, South Sikkim	34 (Good)	35 (Good)	26 (Good)	23 (Good)
6	PELLING, West Sikkim	37 (Good)	34 (Good)	27 (Good)	23 (Good)
7	MANGAN, North Sikkim	23 (Good)	28 (Good)	25 (Good)	30 (Good)
8	CHUNGTHANG, North Sikkim	21 (Good)	19 (Good)	19 (Good)	19 (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

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE PERIOD OF 5<sup>th</sup>, 7<sup>th</sup>, 12<sup>th</sup> and 15<sup>th</sup> JANUARY 2021

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B				
		PM10( $\mu\text{g}/\text{m}^3$ )	PM2.5( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	NO <sub>2</sub> ( $\mu\text{g}/\text{m}^3$ )	AQI
RANGPO	05.01.2021	59.5		8.06	10.88	60
	07.01.2021	62.16		7.13	10.67	62
	12.01.2021	62.73		7.4	10.55	63
	15.01.2021	64.06		8.8	10.33	64
SINGTAM	05.01.2021	40.52		6.94	10.36	41
	07.01.2021	43.74		7.63	8.82	44
	12.01.2021	44.78		7.9	8.75	45
	15.01.2021	41.89		6.5	9.15	42
PELLING	05.01.2021	37.1		5.37	3.37	37
	07.01.2021	34.43		6.29	2.7	34
	12.01.2021	26.6		6.11	3.16	27
	15.01.2021	22.77		5	4.01	23
DEORALI	05.01.2021	48.91	22.47	7.6	14.62	49
	07.01.2021	50.88	25.92	6	13.73	51
	12.01.2021	52.41	34.62	6.9	16.04	58
	15.01.2021	52.34	36.29	7.3	14.89	60
NAMCHI	05.01.2021	33.73		4.8	5.09	34
	07.01.2021	34.83		4.4	5.01	35
	12.01.2021	25.80		3.7	4.89	26
	15.01.2021	23.17		3.7	5.05	23
RAVANGLA	05.01.2021	21.07		5.5	2.17	21
	07.01.2021	19.75		5.7	2.74	20
	12.01.2021	18.05		4.7	2.86	18
	15.01.2021	18.18		4.7	3.09	18
MANGAN	05.01.2021	23.39		4.17	4.56	23
	07.01.2021	27.85		4.86	5.17	28
	12.01.2021	25.15		4.62	6.54	25
	15.01.2021	30		4.17	5.92	30
CHUNGTHANG	05.01.2021	21.15		7.28	2.19	21
	07.01.2021	19.02		5.44	2.28	19
	12.01.2021	19.42		4.15	1.89	19
	15.01.2021	18.90		5.44	1.84	19
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>60</b>	<b>80</b>	<b>80</b>	

**National Ambient Air Quality Standards (NAAQS – 24 hrs)**