

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD OF**  
**19<sup>th</sup>, 21<sup>st</sup>, 27<sup>th</sup> and 29<sup>th</sup> JANUARY 2021**

S N	LOCATION	AIR QUALITY INDEX			
	NAME OF STATION	19.01.2021	21.01.2021	27.01.2021	29.01.2021
1	RANGPO, East Sikkim	55 (Satisfactory)	59 (Satisfactory)	61 (Satisfactory)	65 (Satisfactory)
2	SINGTAM, East Sikkim	51 (Satisfactory)	47 (Good)	53 (Satisfactory)	50 (Good)
3	DEORALI, East Sikkim	52 (Satisfactory)	65 (Satisfactory)	51 (Satisfactory)	58 (Satisfactory)
4	RAVANGLA, South Sikkim	19 (Good)	19 (Good)	19 (Good)	20 (Good)
5	NAMCHI, South Sikkim	34 (Good)	36 (Good)	28 (Good)	32 (Good)
6	PELLING, West Sikkim	30 (Good)	29 (Good)	30 (Good)	25 (Good)
7	MANGAN, North Sikkim	23 (Good)	23 (Good)	21 (Good)	23 (Good)
8	CHUNGTHANG, North Sikkim	18 (Good)	17 (Good)	25 (Good)	24 (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 19<sup>th</sup>, 21<sup>st</sup>, 27<sup>th</sup> and 29<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	19.01.2021	55.44		8.8	11.08	55
	21.01.2021	58.96		9.60	11.04	59
	27.01.2021	61.36		6.7	11.75	61
	29.01.2021	65.36		9.00	11.41	65
SINGTAM	19.01.2021	50.99		6.3	8.06	51
	21.01.2021	47.23		7.9	8.34	47
	27.01.2021	52.99		6.7	7.1	53
	29.01.2021	50.36		8.84	8.51	50
PELLING	19.01.2021	30.2		7.88	2.92	30
	21.01.2021	29.4		7.88	2.63	29
	27.01.2021	30.4		8.45	3.58	30
	29.01.2021	24.5		6.76	4.05	25
DEORALI	19.01.2021	45.60	31.25	6.2	13.49	52
	21.01.2021	44.47	38.81	7.1	13.82	65
	27.01.2021	50.54	30.30	6.9	14.81	51
	29.01.2021	56.08	34.74	7.1	14.65	58
NAMCHI	19.01.2021	34.18		3.9	4.70	34
	21.01.2021	36.42		4.4	4.50	36
	27.01.2021	28.45		4.1	3.90	28
	29.01.2021	32.39		4.27	4.01	32
RAVANGLA	19.01.2021	19.06		3.4	1.52	19
	21.01.2021	19.42		4.4	3.05	19
	27.01.2021	19.09		4.7	2.5	19
	29.01.2021	20.22		3.28	1.83	20
MANGAN	19.01.2021	22.82		4.8	5.48	23
	21.01.2021	23.14		4.8	5.37	23
	27.01.2021	20.68		4.7	5.78	21
	29.01.2021	23.35		4.8	5.65	23
CHUNGTHANG	19.01.2021	18.48		4.41	5.98	18
	21.01.2021	16.70		2.21	1.85	17
	27.01.2021	25.48		5.46	1.65	25
	29.01.2021	24.30		6.50	2.43	24
<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)**