

**STATE POLLUTION CONTROL BOARD-SIKKIM**

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

S. No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	19.03.2019	21.03.2019
1	RANGPO, East Sikkim	53(satisfactory)	64(satisfactory)
2	SINGTAM, East Sikkim	57(satisfactory)	65(satisfactory)
3	DEORALI, Gangtok, East Sikkim	63(satisfactory)	56(satisfactory)
4	RAVANGLA, South Sikkim	29(Good)	25(Good)
5	NAMCHI, South Sikkim	39(Good)	42(Good)
6	PELLING, West Sikkim	68(satisfactory)	77(satisfactory)
7	CHUNGTHANG, North Sikkim	31(Good)	34(Good)
8	MANGAN, North Sikkim	45(Good)	48 (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

**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 March 3<sup>rd</sup> week 2019 (i.e. 19.03.2019 and 21.03.2019) and as per the AQI, the quality of air at almost all the locations were good.

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE MONTH OF MARCH (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	19-03-2019	53.15	5.68	5.89
	21-03-2019	64.21	4.76	6.46
SINGTAM	19-03-2019	57.30	6.00	5.28
	21-03-2019	64.66	6.5	4.49
DEORALI	19-03-2019	63.16	5.12	6.47
	21-03-2019	55.56	4.43	6.24
PELLING	19-03-2019	68.1	10.07	3.25
	21-03-2019	77.1	10.07	3.25
RAVANGLA	19-03-2019	29.04	6.2	2.21
	21-03-2019	24.61	4.6	2.40
NAMCHI	19-03-2019	38.62	5.5	3.99
	21-03-2019	42.30	7.2	5.06
CHUNGTHANG	19-03-2019	31.07	5.2	1.92
	21-03-2019	33.68	6.7	2.83
MANGAN	19-03-2019	45.06	5.3	5.90
	21-03-2019	47.90	4.7	4.10
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>