

**STATE POLLUTION CONTROL BOARD-SIKKIM**

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF**

**FEBRUARY (3<sup>rd</sup> WEEK) 2019.**

S.No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	19.02.2019	21.02.2019
1	RANGPO, East Sikkim	85(SATISFACTORY)	98(SATISFACTORY)
2	SINGTAM, East Sikkim	55(SATISFACTORY)	59(SATISFACTORY)
3	DEORALI, Gangtok, East Sikkim	57(SATISFACTORY)	70(SATISFACTORY)
4	RAVANGLA, South Sikkim	29(GOOD)	26(GOOD)
5	NAMCHI, South Sikkim	42(GOOD)	35(GOOD)
6	PELLING, West Sikkim	32(GOOD)	43(GOOD)
7	CHUNGTHANG, North Sikkim	34(GOOD)	38(GOOD)
8	MANGAN, North Sikkim	41(GOOD)	55(SATISFACTORY)

<b>Good (0-50)</b>	Minimal Impact	<b>Poor (201-300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51-100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301-400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101-200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	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 February 3<sup>rd</sup> week 2019 (i.e. 19/02/2019 and 21/02/2019) and as per the AQI, the quality of air at almost all the locations were good except Rangpo, Singtam, Deorali and Mangan were satisfactory.

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE MONTH OF FEBRUARY (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	19-02-2019	85.02	4.70	5.13
	21-02-2019	97.76	5.77	6.75
SINGTAM	19-02-2019	55.40	6	4.19
	21-02-2019	58.98	5.6	4.88
DEORALI	19-02-2019	57.35	4.5	4.34
	21-02-2019	70.13	4.9	5.08
PELLING	19-02-2019	32.3	1.81	2.22
	21-02-2019	42.8	2.36	2.38
RAVANGLA	19-02-2019	28.81	2.6	2.31
	21-02-2019	25.83	4.6	2.76
NAMCHI	19-02-2019	42.41	6.1	4.53
	21-02-2019	35.21	5.4	3.97
CHUNGTHANG	19-02-2019	33.83	5.4	1.90
	21-02-2019	37.91	5.8	3.37
MANGAN	19-02-2019	40.74	4.9	3.54
	21-02-2019	55.43	5.2	3.15
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>