

STATE POLLUTION CONTROL BOARD-SIKKIM

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
JANUARY (2nd WEEK) 2019.**

S.No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	08.01.2019	10.01.2019
1	RANGPO, East Sikkim	98 (Satisfactory)	88 (Satisfactory)
2	SINGTAM, East Sikkim	68 (Satisfactory)	68 (Satisfactory)
3	DEORALI, East Sikkim	54 (Satisfactory)	76 (Satisfactory)
4	RAVANGLA, South Sikkim	24 (Good)	24 (Good)
5	NAMCHI, South Sikkim	32 (Good)	32 (Good)
6	PELLING, West Sikkim	37 (Good)	62 (Satisfactory)
7	CHUNGTHANG, North Sikkim	33 (Good)	30 (Good)
8	MANGAN, North Sikkim	62 (Satisfactory)	43 (Good)

Good (0-50)	Minimal Impact	Poor (201-300)	Breathing discomfort to people on prolonged exposure
Satisfactory (51-100)	Minor breathing discomfort to sensitive people	Very Poor (301-400)	Respiratory illness to the people on prolonged exposure
Moderate (101-200)	Breathing discomfort to the people with lung, heart disease, children and older adults	Severe (>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 January 2nd week 2019 (i.e. 08/01/19 & 10/01/19) and as per the AQI, the quality of air of Rangpo, Deorali & Singtam stations were satisfactory.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF JANUARY (2nd WEEK) 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
RANGPO	08.01.2019	98.4	6.9	10.05
	10.01.2019	87.96	10.71	9.32
SINGTAM	08.01.2019	68.25	6	4.71
	10.01.2019	66.73	6.5	4.52
DEORALI	08.01.2019	53.79	4.7	7.75
	10.01.2019	75.93	5.2	6.79
PELLING	08.01.2019	37.1	4.69	1.46
	10.01.2019	61.7	4.17	1.59
RAVANGLA	08.01.2019	24.36	5.1	2.35
	10.01.2019	24.26	2.9	3.11
NAMCHI	08.01.2019	32.11	7	4.58
	10.01.2019	31.73	5.9	4.88
CHUNGTHANG	08.01.2019	33.14	4.9	2.41
	10.01.2019	30.33	4.2	2.47
MANGAN	08.01.2019	62.09	6.5	4.43
	10.01.2019	42.95	6.7	4.96
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80