

STATE POLLUTION CONTROL BOARD-SIKKIM

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
JANUARY (1stWEEK) 2019.**

S.No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	02.01.2019	04.01.2019
1	RANGPO, East Sikkim	93 (satisfactory)	69 (satisfactory)
2	SINGTAM, East Sikkim	64 (satisfactory)	62(satisfactory)
3	DEORALI, East Sikkim	69 (satisfactory)	55 (satisfactory)
4	RAVANGLA, South Sikkim	37(Good)	31 (Good)
5	NAMCHI, South Sikkim	33 (Good)	28 (Good)
6	PELLING, West Sikkim	28 (Good)	26((Good)
7	CHUNGTHANG, North Sikkim	31(Good)	31(Good)
8	MANGAN, North Sikkim	46 (Good)	54 (satisfactory)

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 1st week 2019 (i.e. 02/01/19 & 04/01/19) 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 JANUARY (1st 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	02/01/2019	93.3	7.10	8.01
	04/01/2019	69.45	5.20	9.22
SINGTAM	02/01/2019	64.26	6.0	4.80
	04/01/2019	62.62	5.7	4.52
DEORALI	02/01/2019	68.77	3.80	7.69
	04/01/2019	55.05	3.51	6.40
PELLING	02/01/2019	28.3	3.82	1.21
	04/01/2019	26.1	3.99	1.08
RAVANGLA	02/01/2019	36.81	4.8	2.29
	04/01/2019	30.57	5.7	3.18
NAMCHI	02/01/2019	32.82	6.7	4.76
	04/01/2019	28.04	5.9	4.15
CHUNGTHANG	02/01/2019	31.42	6.3	2.40
	04/01/2019	31.92	6.7	1.62
MANGAN	02/01/2019	45.90	5.6	4.88
	04/01/2019	53.85	4.7	3.29
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80