

STATE POLLUTION CONTROL BOARD-SIKKIM

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
JANUARY (4th WEEK) 2019.**

S.No.	LOCATION	AIR QUALITY INDEX		
	NAME OF STATION	22.01.2019	24.01.2019	29.01.2019
1	RANGPO, East Sikkim	85 (satisfactory)	98 (satisfactory)	92(satisfactory)
2	SINGTAM, East Sikkim	69 (satisfactory)	70 (satisfactory)	60 (satisfactory)
3	DEORALI, Gangtok, East Sikkim	75 (satisfactory)	57 (satisfactory)	57(satisfactory)
4	RAVANGLA, South Sikkim	17(Good)	17 (Good)	26(Good)
5	NAMCHI, South Sikkim	27(Good)	32 (Good)	33(Good)
6	PELLING, West Sikkim	29(Good)	35 (Good)	32(Good)
7	CHUNGTHANG, North Sikkim	30(Good)	30 (Good)	27(Good)
8	MANGAN, North Sikkim	58(satisfactory)	62 (satisfactory)	60 (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 4th week 2019 (i.e. 22/01/2019, 24/01/2019 and 29/01/2019) and as per the AQI, the quality of air at almost all the locations were good except the pollutants level of Rangpo, Singtam, Deorali (Gangtok) and Mangan Stations has Satisfactory.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF JANUARY (4th 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	22.01.2019	84.96	4.28	12.32
	24.01.2019	97.53	2.77	7.88
	29.01.2019	92.23	4.55	6.40
SINGTAM	22.01.2019	68.97	4.2	5.65
	24.01.2019	69.66	5.7	6.02
	29.01.2019	59.86	6.8	5.27
DEORALI	22.01.2019	74.64	3.81	8.69
	24.01.2019	57.32	3.12	6.42
	29.01.2019	57.13	3.12	4.87
PELLING	22.01.2019	29	2.50	1.33
	24.01.2019	34.8	2.29	1.33
	29.01.2019	32	2.81	1.91
RAVANGLA	22.01.2019	17.15	4.5	3.43
	24.01.2019	16.69	2.6	3.05
	29.01.2019	25.66	5.2	4.27
NAMCHI	22.01.2019	27.25	4.6	3.95
	24.01.2019	31.52	5.2	2.98
	29.01.2019	33.38	4.6	4.27
CHUNGTHANG	22.01.2019	29.83	4.7	1.68
	24.01.2019	30.12	5.2	1.77
	29.01.2019	26.75	4.5	1.91
MANGAN	22.01.2019	58.45	7.3	5.69
	24.01.2019	62.12	7.3	7.08
	29.01.2019	59.93	7.2	5.88
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80