

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD OF

(26.02.2019, 28.02.2019 & 02.03.2019)

S. No.	LOCATION	AIR QUALITY INDEX		
	NAME OF STATION	26.02.2019	28.02.2019	02.03.2019
1	RANGPO, East Sikkim	94(SATISFACTORY)	45(GOOD)	94(SATISFACTORY)
2	SINGTAM, East Sikkim	56(SATISFACTORY)	57(SATISFACTORY)	58(SATISFACTORY)
3	DEORALI, Gangtok, East Sikkim	58(SATISFACTORY)	59(SATISFACTORY)	58(SATISFACTORY)
4	RAVANGLA, South Sikkim	31(GOOD)	31(GOOD)	28(GOOD)
5	NAMCHI, South Sikkim	38(GOOD)	35(GOOD)	40(GOOD)
6	PELLING, West Sikkim	36(GOOD)	33(GOOD)	32(GOOD)
7	CHUNGTHANG, North Sikkim	35(GOOD)	35(GOOD)	35(GOOD)
8	MANGAN, North Sikkim	40(GOOD)	34(GOOD)	44(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 period of (26.02.2019, 28.02.2019 & 02.03.2019) and as per the AQI, the quality of air at almost all the locations were good and satisfactory.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF PERIOD OF (26.02.2019, 28.02.2019 & 02.03.2019)

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	26.02.2019	94.15	6.08	4.56
	28.02.2019	45.31	4.31	5.60
	02.03.2019	93.70	6.15	6.23
SINGTAM	26.02.2019	55.92	5.62	4.94
	28.02.2019	57.29	6.87	5.01
	02.03.2019	58.32	5.20	4.94
DEORALI	26.02.2019	58.12	4.5	5.08
	28.02.2019	59.43	3.5	5.41
	02.03.2019	57.94	3.5	5.95
PELLING	26.02.2019	35.7	1.94	4.76
	28.02.2019	33.3	1.81	2.38
	02.03.2019	32.3	9.72	3.39
RAVANGLA	26.02.2019	31.21	3.6	2.31
	28.02.2019	31.04	6.2	2.93
	02.03.2019	28.39	5.8	2.92
NAMCHI	26.02.2019	38.27	5.9	3.84
	28.02.2019	34.84	6.9	3.47
	02.03.2019	39.62	5,8	5.40
CHUNGTHANG	26.02.2019	35.02	8.74	3.44
	28.02.2019	34.89	3.31	3.33
	02.03.2019	34.6	7.5	2.91
MANGAN	26.02.2019	40.25	4.5	3.06
	28.02.2019	34.14	4.9	3.27
	02.03.2019	44.30	4.2	4.36
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80