

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF NOVEMBER (4th WEEK) 2017.

	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	21.11.2017	23.11.2017
1	RANGPO, East Sikkim	79(Satisfactory)	80(satisfactory)
2	SINGTAM, East Sikkim	46(Good)	47(Good)
3	DEORALI, East Sikkim	67 (Satisfactory)	63(Satisfactory)
4	RAVANGLA, South Sikkim	12(Good)	12 (Good)
5	NAMCHI, South Sikkim	24 (Good)	25 (Good)
6	PELLING, West Sikkim	27(Good)	28(Good)
7	CHUNGTHANG, North Sikkim	30(Good)	26 (Good)
8	MANGAN, North Sikkim	37(Good)	37(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 November 4th week 2017(i.e. 21/11/2017 & 23/11/2017) 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 NOVEMBER (4th WEEK) 2017

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 ($\mu\text{g}/\text{m}^3$)
STATION	DATE	PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂
RANGPO	21.11.2017	79.22	4.41	13.72
	23.11.2017	80.19	6.48	13.13
SINGTAM	21.11.2017	46.1	5.33	1.58
	23.11.2017	46.58	4.4	1.99
DEORALI	21.11.2017	67.48	4.62	6.44
	23.11.2017	62.88	4.39	5.76
PELLING	21.11.2017	27.1	4.95	2.27
	23.11.2017	27.8	4.17	2.98
RAVANGLA	21.11.2017	11.75	3.8	2.22
	23.11.2017	12.19	4.9	2.80
NAMCHI	21.11.2017	23.92	4.81	2.84
	23.11.2017	25.10	5.13	3.04
CHUNGTHANG	21.11.2017	30.1	3.16	0.71
	23.11.2017	26.14	3.12	0.90
MANGAN	21.11.2017	36.93	4.68	2.93
	23.11.2017	37.19	3.12	2.93
National Ambient Air Quality Standards (NAAQS) – 24 hrs		100	80	80