

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF NOVEMBER (2ND WEEK) 2017.

	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	07.11.2017	09.11.2017
1	RANGPO, East Sikkim	73(Satisfactory)	60(satisfactory)
2	SINGTAM, East Sikkim	53(Satisfactory)	47(Good)
3	DEORALI, East Sikkim	40 (Good)	41(Good)
4	RAVANGLA, South Sikkim	14 (Good)	16 (Good)
5	NAMCHI, South Sikkim	26 (Good)	25 (Good)
6	PELLING, West Sikkim	20 (Good)	24(Good)
7	CHUNGTHANG, North Sikkim	25(Good)	21 (Good)
8	MANGAN, North Sikkim	35 (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 2nd week 2017(i.e. 07/11/2017 & 09/11/2017) 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 (2ND WEEK) 2017

STANDARD OF PARAMETERS BY C.P.C.B		PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)
STATION	DATE	PM ₁₀ (µg/m ³)	SO ₂	NO ₂
RANGPO	07.11.2017	73.05	9.70	5.80
	09.11.2017	60.13	8.05	6.22
SINGTAM	07.11.2017	53.48	9.11	3.04
	09.11.2017	47.43	8.33	1.81
DEORALI	07.11.2017	40.20	4.16	4.83
	09.11.2017	41.27	3.38	4.89
PELLING	07.11.2017	20	1.81	2.39
	09.11.2017	23.7	2.22	1.91
RAVANGLA	07.11.2017	14.42	4.9	2.41
	09.11.2017	16.00	4.5	2.22
NAMCHI	07.11.2017	25.8	5.47	3.17
	09.11.2017	24.78	5.79	4.41
CHUNGTHANG	07.11.2017	25.36	3.64	0.57
	09.11.2017	20.68	5.20	0.98
MANGAN	07.11.2017	35.20	4.16	4.69
	09.11.2017	36.72	4.68	3.51
National Ambient Air Quality Standards (NAAQS) – 24 hrs		100	80	80