

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
NOVEMBER (3rd WEEK) 2018.

S.No.	LOCATION	AIR QUALITY INDEX		
	NAME OF STATION	16.11.2018	20.11.2018	22.11.2018
1	RANGPO, East Sikkim	91(Satisfactory)	96 (Satisfactory)	94(Satisfactory)
2	SINGTAM, East Sikkim	52 (Satisfactory)	56 (Satisfactory)	51(Satisfactory)
3	DEORALI, East Sikkim	58(Satisfactory)	51 (Satisfactory)	66(Satisfactory)
4	RAVANGLA, South Sikkim	25(Good)	25 (Good)	25(Good)
5	NAMCHI, South Sikkim	28 (Good)	29 (Good)	28(Good)
6	PELLING, West Sikkim	27 (Good)	28 (Good)	25(Good)
7.	MANGAN, North Sikkim	53(Satisfactory)	50 (Good)	53(Satisfactory)
8.	CHUNGTHANG, North Sikkim	40(Good)	41(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 3rd week 2018 (i.e. 16/11/2018 ,20/11/2018 & 22/11/2018) 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 (3rd WEEK) 2018

STATION	DATE	STANDARD OF PARAMETERS BY CPCB		
		PM10($\mu\text{g}/\text{m}^3$)	SO2($\mu\text{g}/\text{m}^3$)	NO2($\mu\text{g}/\text{m}^3$)
RANGPO	16-11-2018	91.12	3.58	6.06
	20-11-2018	96.35	8.06	6.68
	22-11-2018	94.45	5.47	6.56
SINGTAM	16-11-2018	52	7	5.38
	20-11-2018	55.56	6.7	4.8
	22-11-2018	50.76	7.2	5.3
DEORALI	16-11-2018	58.40	5.58	6.54
	20-11-2018	50.88	3.71	6.06
	22-11-2018	65.77	6.30	6.45
PELLING	16-11-2018	26.7	4.58	4.95
	20-11-2018	27.8	5.62	4.70
	22-11-2018	24.5	6.46	3.30
RAVANGLA	16-11-2018	25.21	6	2.47
	20-11-2018	24.62	6.3	2.05
	22-11-2018	24.98	5.4	3.18
NAMCHI	16-11-2018	27.51	7.2	5.04
	20-11-2018	29.40	5.6	4.44
	22-11-2018	28.28	6.2	3.54
CHUNGTHANG	16-11-2018	40.03	8.3	1.84
	20-11-2018	41.43	7.6	2.38
	22-11-2018	37.30	6.9	1.15
MANGAN	16-11-2018	52.3	5.78	3.91
	20-11-2018	50.1	6.26	5.85
	22-11-2018	53	6.23	4.81
National Ambient Air Quality Standards (NAAQS – 24 hrs)				