

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF JANUARY
(3rdWEEK) 2018.

	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	16.01.2018	18.01.2018
1	RANGPO, East Sikkim	89 (Satisfactory)	80 (Satisfactory)
2	SINGTAM, East Sikkim	62 (Satisfactory)	66 (Satisfactory)
3	DEORALI, Gangtok, East Sikkim	63 (Satisfactory)	54 (Satisfactory)
4	RAVANGLA, South Sikkim	24 (Good)	27 (Good)
5	NAMCHI, South Sikkim	23 (Good)	24 (Good)
6	PELLING, West Sikkim	32 (Good)	36 (Good)
7	CHUNGTHANG, North Sikkim	31 (Good)	28 (Good)
8	MANGAN, North Sikkim	27 (Good)	27 (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 January 3rd week 2018 (i.e. 16/01/2018 & 18/01/2018) and as per the AQI, the quality of air at almost all the locations were '**good**', except the pollutant level of Rangpo, Singtam & Deorali, Gangtok were '**satisfactory**' i.e relatively in higher side due to movement of vehicles along the national highway NH -10.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF JANUARY (3rd WEEK) 2018

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂
RANGPO	16.01.2018	88.77	6.32	8.25
	18.01.2018	79.90	9.71	8.01
SINGTAM	16.01.2018	62.40	7.29	6.08
	18.01.2018	66.39	6.95	5.31
DEORALI	16.01.2018	62.91	4.51	7.08
	18.01.2018	54.13	3.81	6.92
PELLING	16.01.2018	32.40	8.68	3.75
	18.01.2018	35.80	5.38	2.41
RAVANGLA	16.01.2018	23.90	6.00	3.11
	18.01.2018	26.93	5.50	2.26
NAMCHI	16.01.2018	23.08	4.86	3.65
	18.01.2018	23.97	4.52	3.60
CHUNGTHANG	16.01.2018	28.82	2.08	0.65
	18.01.2018	28.05	2.34	1.12
MANGAN	16.01.2018	27.01	3.75	1.50
	18.01.2018	27.41	4.60	2.40
National Ambient Air Quality Standards (NAAQS) – 24 hrs		100	80	80