

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF JANUARY (4th WEEK)
2018.

	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	23.01.2018	25.01.2018
1	RANGPO, East Sikkim	83 (Satisfactory)	89 (Satisfactory)
2	SINGTAM, East Sikkim	87 (Satisfactory)	87 (Satisfactory)
3	DEORALI, Gangtok, East Sikkim	69 (Satisfactory)	67 (Satisfactory)
4	RAVANGLA, South Sikkim	33 (Good)	34 (Good)
5	NAMCHI, South Sikkim	24 (Good)	24 (Good)
6	PELLING, West Sikkim	33 (Good)	33 (Good)
7	CHUNGTHANG, North Sikkim	28 (Good)	24 (Good)
8	MANGAN, North Sikkim	29 (Good)	26 (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 4th week 2018 (i.e. 23/01/2018 & 25/01/2018) 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 (4th WEEK) 2018

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂	NO ₂
RANGPO	23.01.2018	83.10	4.51	6.15
	25.01.2018	88.94	7.99	6.96
SINGTAM	23.01.2018	88.86	6.25	6.00
	25.01.2018	87.14	7.30	7.63
DEORALI	23.01.2018	68.65	6.43	9.00
	25.01.2018	66.71	5.54	8.53
PELLING	23.01.2018	32.90	8.07	3.04
	25.01.2018	32.80	6.52	3.17
RAVANGLA	23.01.2018	32.68	6.80	2.45
	25.01.2018	33.58	7.60	3.01
NAMCHI	23.01.2018	23.75	4.87	3.66
	25.01.2018	24.36	5.90	3.59
CHUNGTHANG	23.01.2018	27.66	3.64	0.57
	25.01.2018	23.82	4.16	0.98
MANGAN	23.01.2018	28.85	2.50	1.90
	25.01.2018	25.55	3.33	1.52
National Ambient Air Quality Standards (NAAQS) – 24 hrs		100	80	80