

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF MARCH

(3rd week) 2018.

S.No	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	21.03.2018	23.03.2018
1	RANGPO, East Sikkim	99(Satisfactory)	81(satisfactory)
2	SINGTAM, East Sikkim	93(Satisfactory)	92(Satisfactory)
3	DEORALI, Gangtok,East Sikkim	50(Good)	43(Good)
4	RAVANGLA, South Sikkim	41Good)	42(Good)
5	NAMCHI, South Sikkim	30(Good)	29(Good)
6	PELLING, West Sikkim	69(Satisfactory)	78(Satisfactory)
7	CHUNGTHANG, North Sikkim	27(Good)	28(Good)
8	MANGAN, North Sikkim	38(Good)	45(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 March 3rd week 2018 (i.e. 21/03/2018 & 23/03/2018) 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, Pelling were high in level due to maximum movement of vehicles in and around the stations.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH of MARCH (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	21/03/2018	98.56	5.90	7.53
	23/03/2018	80.73	7.66	8.75
SINGTAM	21/03/2018	92.55	5	3.17
	23/03/2018	92.02	7.91	2.92
DEORALI	21/03/2018	50.26	3.12	4.62
	23/03/2018	43.15	2.08	3.61
PELLING	21/03/2018	69.2	7.08	5.23
	23/03/2018	77.7	6.46	4.71
RAVANGLA	21/03/2018	41.21	5.1	3.42
	23/03/2018	42.40	3.9	3.05
NAMCHI	21/03/2018	29.58	5.07	3.35
	23/03/2018	28.84	4.47	2.9
CHUNGTHANG	21/03/2018	27.23	4.6	1.92
	23/03/2018	28.39	4.6	1.78
MANGAN	21/03/2018	37.64	2.53	4.62
	23/03/2018	45.9	3.78	4.12
National Ambient Air Quality Standards (NAAQS) – 24 hrs		100	80	80