

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF

MARCH (4th WEEK) 2019

S. No.	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	26.03.2019	28.03.2019
1	RANGPO, East Sikkim	75(Satisfactory)	91(Satisfactory)
2	SINGTAM, East Sikkim	47(Good)	Not available
3	DEORALI, Gangtok, East Sikkim	55(Satisfactory)	Not available
4	RAVANGLA, South Sikkim	25(Good)	Not available
5	NAMCHI, South Sikkim	32(Good)	41(Good)
6	PELLING, West Sikkim	32(Good)	Not available
7	CHUNGTHANG, North Sikkim	27(Good)	37(Good)
8	MANGAN, North Sikkim	47(Good)	Not availalbe

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 4th week 2019 (i.e. 26.03.2019 and 28.03.2019) and as per the AQI, the quality of air at almost all the locations were good except the pollutions level of Rangpo, Deorali (Gangtok), are higher due to maximum movement of vehicles in the surrounding area.

NOTE: The Monitoring for Stations i.e. Singtam, Mangan, Gangtok, Ravangla and Pelling has not been carried out on 28/03/2019, due to shortage of filter paper.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF MARCH (4th WEEK) 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO ₂ ($\mu\text{g}/\text{m}^3$)
RANGPO	26/03/2019	74.97	10.74	17.52
	28/03/2019	91.03	11.21	16.39
SINGTAM	26/03/2019	47.36	4.5	5.08
	28/03/2019			
DEORALI	26/03/2019	54.66	7.30	10.11
	28/03/2019			
PELLING	26/03/2019	32.0	8.68	3.67
	28/03/2019			
RAVANGLA	26/03/2019	25.83	4.60	2.76
	28/03/2019			
NAMCHI	26/03/2019	32.42	5.1	3.18
	28/03/2019	40.70	6.4	4.09
CHUNGTHANG	26/03/2019	27.22	5.6	3.51
	28/03/2019	36.55	5.4	2.15
MANGAN	26/03/2019	47.01	3.57	4.68
	28/03/2019			
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80

NOTE: The Monitoring for Stations i.e. Singtam, Mangan, Gangtok, Ravangla and Pelling has not been carried out on 28/03/2019, due to shortage of filter paper.