

**STATE POLLUTION CONTROL BOARD-SIKKIM
 AMBIENT AIR QUALITY MONITORING REPORT
 FOR THE MONTH OF DECEMBER (10th and 12th) 2019**

SN	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	10.12.2019	12.12.2019
1	RANGPO, East Sikkim	52 (Satisfactory)	66 (Satisfactory)
2	SINGTAM, East Sikkim	51 (Satisfactory)	54 (Satisfactory)
3	DEORALI, East Sikkim	47 (Good)	45 (Good)
4	RAVANGLA, South Sikkim	26 (Good)	25 (Good)
5	NAMCHI, South Sikkim	29 (Good)	28 (Good)
6	PELLING, West Sikkim	17 (Good)	19 (Good)
7	MANGAN, North Sikkim	33 (Good)	38 (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

Note: Monitoring at Chungthang Station was not done to some technical issues.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF SEVEN STATIONS UNDER NAMP
 FOR THE MONTH OF DECEMBER (10th and 12th) 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	10.12.2019	51.95	5.58	7.35
	12.12.2019	65.67	7.35	7.78
SINGTAM	10.12.2019	51.08	6.5	6.68
	12.12.2019	53.50	6.8	7.15
DEORALI, GANGTOK	10.12.2019	46.84	6.38	12.82
	12.12.2019	45.39	5.11	13.10
PELLING	10.12.2019	17	2.99	1.24
	12.12.2019	18.6	3.56	2.40
RAVANGLA	10.12.2019	25.56	3.5	3.27
	12.12.2019	24.80	3.2	4.14
NAMCHI	10.12.2019	29.32	4	4.90
	12.12.2019	27.61	4.8	5.62
MANGAN	10.12.2019	32.65	4.4	4.34
	12.12.2019	37.88	4.2	4.53
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80

Note: Monitoring at Chungthang Station was not done to some technical issues.