

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
DECEMBER (3rd and 5th)2019

SN	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	03.12.2019	05.12.2019
1	RANGPO, East Sikkim	45 (Good)	50 (Good)
2	SINGTAM, East Sikkim	51 (Satisfactory)	52 (Satisfactory)
3	DEORALI, East Sikkim	55 (Satisfactory)	58 (Satisfactory)
4	RAVANGLA, South Sikkim	28 (Good)	25 (Good)
5	NAMCHI, South Sikkim	27 (Good)	25 (Good)
6	PELLING, West Sikkim	25 (Good)	24 (Good)
7	MANGAN, North Sikkim	29 (Good)	29 (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 (3rd and 5th) 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	03.12.2019	44.92	7.84	13.25
	05.12.2019	50.31	7.70	6.25
SINGTAM	03.12.2019	50.82	6.3	6.96
	05.12.2019	52.33	6.5	7.06
DEORALI, GANGTOK	03.12.2019	55.21	6.38	12.82
	05.12.2019	57.66	5.11	13.10
PELLING	03.12.2019	25.2	4.84	1.16
	05.12.2019	24.0	5.41	1.96
RAVANGLA	03.12.2019	27.61	4.2	3.92
	05.12.2019	24.82	4.9	3.71
NAMCHI	03.12.2019	27.24	5.2	5.72
	05.12.2019	25.12	6.5	5.73
MANGAN	03.12.2019	28.82	5.21	6.49
	05.12.2019	28.66	3.13	4.89
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80

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