

STATE POLLUTION CONTROL BOARD-SIKKIM

AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD OF

28.05.2019 & 30.05.2019

SN	LOCATION	AIR QUALITY INDEX	
	NAME OF STATION	28.05.2019	30.05.2019
1	RANGPO, East Sikkim	72(Satisfactory)	30(Good)
2	SINGTAM, East Sikkim	52(Satisfactory)	33(Good)
3	DEORALI, Gangtok, East Sikkim	52(Satisfactory)	57 (Satisfactory)
4	RAVANGLA, South Sikkim	22 (Good)	22 (Good)
5	NAMCHI, South Sikkim	40 (Good)	33(Good)
6	PELLING, West Sikkim	16 (Good)	18 (Good)
7	CHUNGTHANG, North Sikkim	33 (Good)	27 (Good)
8	MANGAN, North Sikkim	16 (Good)	18 (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

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE PERIOD OF 28.05.2019 & 30.05.2019

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	28-05-2019	72.03	4.28	6.72
	30-05-2019	29.89	7.01	5.6
SINGTAM	28-05-2019	51.66	6.84	7.33
	30-05-2019	32.96	3.75	5.88
DEORALI	28-05-2019	51.62	4.32	6.58
	30-05-2019	56.65	5.70	5.92
PELLING	28-05-2019	16.2	6.25	1.19
	30-05-2019	17.7	7.08	1.20
RAVANGLA	28-05-2019	22.48	3.8	3.18
	30-05-2019	21.92	3.5	2.99
NAMCHI	28-05-2019	40.25	6.2	4.04
	30-05-2019	33.32	5.5	4.30
CHUNGTHANG	28-05-2019	32.61	3.49	0.94
	30-05-2019	27.07	3.49	1.54
MANGAN	28-05-2019	16.45	2.7	2.91
	30-05-2019	18.39	3	3.92
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80