

STATE POLLUTION CONTROL BOARD-SIKKIM

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
SEPTEMBER (6th 10th 12th & 14th) 2019.**

SN	LOCATION	AIR QUALITY INDEX			
	NAME OF STATION	06.09.2019	10.09.2019	12.09.2019	14.09.2019
1	RANGPO, East Sikkim	46 (Good)	47 (Good)	38 (Good)	32 (Good)
2	SINGTAM, East Sikkim	45 (Good)	38 (Good)	32 (Good)	49 (Good)
3	RAVANGLA, South Sikkim	25 (Good)	26 (Good)	24 (Good)	24 (Good)
4	NAMCHI, South Sikkim	31 (Good)	27 (Good)	28 (Good)	24(Good)
5	PELLING, West Sikkim	14 (Good)	16 (Good)	20 (Good)	25 (Good)
6	CHUNGTHANG, North Sikkim	24 (Good)	25 (Good)	24 (Good)	22 (Good)
7	MANGAN, North Sikkim	22 (Good)	18 (Good)	21 (Good)	25 (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: The monitoring for the above said period of Deorali Station (Gangtok) was not conducted due to Power failure.

MONTH OF SEPTEMBER (6th 10th 12th & 14th) 2019.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF SEVEN STATIONS UNDER NAMP
 FOR THE MONTH OF SEPTEMBER (6th 10th 12th and 14th) 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	06.09.2019	46.54	4.55	8.53
	10.09.2019	47.24	1.14	5.87
	12.09.2019	38.59	2.27	4.93
	14.09.2019	32.34	2.27	12.13
SINGTAM	06.09.2019	49.87	5.2	5.33
	10.09.2019	45.04	6.9	5.23
	12.09.2019	44.79	5.4	5.55
	14.09.2019	42.53	5.17	5.18
PELLING	06.09.2019	14.1	3.5	4.61
	10.09.2019	16.8	1.77	4.46
	12.09.2019	19.7	2.91	3.42
	14.09.2019	19.7	2.02	3.12
RAVANGLA	06.09.2019	25.57	3.1	3.96
	10.09.2019	26.04	2.9	2.44
	12.09.2019	23.94	4.2	3.12
	14.09.2019	24.82	2.5	2.69
NAMCHI	06.09.2019	31.09	5.2	3.52
	10.09.2019	27.22	4.7	2.97
	12.09.2019	28.43	5.2	2.92
	14.09.2019	27.05	4.7	3.83
CHUNGTHANG	06.09.2019	24.52	5.52	1.39
	10.09.2019	25.05	5.99	1.76
	12.09.2019	24.02	5.88	1.65
	14.09.2019	22.92	4.5	1.75
MANGAN	06.09.2019	22.14	4.0	3.65
	10.09.2019	18.43	3.8	3.63
	12.09.2019	21.78	3.5	3.99
	14.09.2019	25.50	3.7	4.03
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80

Note: The monitoring for the above said period of Deorali Station (Gangtok) was not conducted due to Power failure.