

STATE POLLUTION CONTROL BOARD-SIKKIM

**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF
SEPTEMBER (17th 19th 24th & 26th) 2019.**

SN	LOCATION	AIR QUALITY INDEX			
	NAME OF STATION	17.09.2019	19.09.2019	24.09.2019	26.09.2019
1	RANGPO, East Sikkim	55 (Satisfactory)	54 (Satisfactory)	50 (Good)	55 (Satisfactory)
2	SINGTAM, East Sikkim	43 (Good)	46 (Good)	38 (Good)	48 (Good)
3	DEORALI, East Sikkim	-	-	30 (Good)	28 (Good)
4	RAVANGLA, South Sikkim	25 (Good)	25 (Good)	26 (Good)	27 (Good)
5	NAMCHI, South Sikkim	31 (Good)	32 (Good)	30 (Good)	35 (Good)
6	PELLING, West Sikkim	16 (Good)	18 (Good)	13 (Good)	9 (Good)
7	CHUNGTHANG, North Sikkim	22 (Good)	18 (Good)	22 (Good)	16 (Good)
8	MANGAN, North Sikkim	21 (Good)	21 (Good)	20 (Good)	24 (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 17th and 19th September 2019 of Deorali Station (Gangtok) was not conducted due to Power failure.

STATE POLLUTION CONTROL BOARD, SIKKIM
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP
 FOR THE MONTH OF SEPTEMBER (17th 19th 24th and 26th) 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	17.09.2019	54.92	10.20	11.84
	19.09.2019	54.38	18.47	8.14
	24.09.2019	49.57	9.89	9.24
	26.09.2019	55.5	8.02	9.14
SINGTAM	17.09.2019	42.72	5.9	5.83
	19.09.2019	46.29	6.5	5.45
	24.09.2019	38.31	5.3	4.44
	26.09.2019	47.66	6	5.29
DEORALI	17.09.2019	-	-	-
	19.09.2019	-	-	-
	24.09.2019	29.97	3.33	4.22
	26.09.2019	28.37	3.44	3.08
PELLING	17.09.2019	16.1	3.41	4.61
	19.09.2019	18.2	1.90	4.46
	24.09.2019	12.5	3.92	4.90
	26.09.2019	9.4	2.91	5.35
RAVANGLA	17.09.2019	24.82	2.5	2.69
	19.09.2019	25.03	4.9	2.91
	24.09.2019	26.17	3.2	3.42
	26.09.2019	26.64	3.7	3.27
NAMCHI	17.09.2019	30.52	4.2	2.48
	19.09.2019	32.42	5	3.21
	24.09.2019	30.34	4.7	3.78
	26.09.2019	34.50	5.2	4.14
CHUNGTHANG	17.09.2019	22.49	4.5	1.60
	19.09.2019	18.25	5.9	1.65
	24.09.2019	21.73	6.2	1.96
	26.09.2019	15.79	6.2	1.39
MANGAN	17.09.2019	20.98	3.69	3.29
	19.09.2019	21.22	3.85	3.34
	24.09.2019	20.19	3.85	3.14
	26.09.2019	23.99	5.77	4.73
National Ambient Air Quality Standards (NAAQS – 24 hrs)		100	80	80

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