

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE PERIOD FROM**  
**27<sup>th</sup> – 29<sup>th</sup> JUNE AND 2<sup>nd</sup>, 4<sup>th</sup>, 9<sup>th</sup> AND 11<sup>th</sup> JULY 2019.**

SN	LOCATION	AIR QUALITY INDEX					
	NAME OF STATION	27/06/2019	29/06/2019	02/07/2019	04/07/2019	09/07/2019	11/07/2019
1	RANGPO, East Sikkim	49(Good)	71(Satisfactory)	35(Good)	54(Satisfactory)	28(Good)	27(Good)
2	SINGTAM, East Sikkim	58(Satisfactory)	56(Satisfactory)	52(Satisfactory)	51(Satisfactory)	42(Good)	50(Good)
3	DEORALI, Gangtok, East Sikkim	43(Good)	47(Good)	41(Good)	40(Good)	25(Good)	21(Good)
4	RAVANGLA, South Sikkim	23(Good)	21(Good)	21(Good)	23(Good)	24(Good)	24(Good)
5	NAMCHI, South Sikkim	37(Good)	36(Good)	34(Good)	35(Good)	27(Good)	28(Good)
6	PELLING, West Sikkim	28(Good)	29(Good)	11(Good)	18(Good)	22(Good)	18(Good)
7	CHUNGTHANG, North Sikkim	19(Good)	19(Good)	42(Good)	39(Good)	12(Good)	15(Good)
8	MANGAN, North Sikkim	33(Good)	37(Good)	42(Good)	39(Good)	21(Good)	21(Good)

<b>Good (0–50)</b>	Minimal Impact	<b>Poor (201–300)</b>	Breathing discomfort to people on prolonged exposure
<b>Satisfactory (51–100)</b>	Minor breathing discomfort to sensitive people	<b>Very Poor (301–400)</b>	Respiratory illness to the people on prolonged exposure
<b>Moderate (101–200)</b>	Breathing discomfort to the people with lung, heart disease, children and older adults	<b>Severe (&gt;401)</b>	Respiratory effects even on healthy people

STATE POLLUTION CONTROL BOARD, SIKKIM  
 AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP  
 FOR THE PERIOD FROM 27<sup>th</sup> – 29<sup>th</sup> JUNE AND 2<sup>nd</sup>, 4<sup>th</sup>, 9<sup>th</sup> & 11<sup>th</sup> JULY 2019

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B		
		PM10 ( $\mu\text{g}/\text{m}^3$ )	SO <sub>2</sub>	NO <sub>2</sub>
RANGPO	27-06-2019	49.23	7.30	3.69
	29-06-2019	70.82	11.43	8.02
	02-07-2019	34.93	5.91	6.94
	04-07-2019	53.88	7.90	5.96
	09-07-2019	27.83	6.25	4.32
	11-07-2019	27.34	10.7	5.25
SINGTAM	27-06-2019	58.17	6.6	5.60
	29-06-2019	56.45	5.7	5.03
	02-07-2019	52.01	6.2	5.10
	04-07-2019	51.47	7.3	5.67
	09-07-2019	41.80	6.5	5.19
	11-07-2019	50.36	5.7	4.6
DEORALI	27-06-2019	43.13	3.38	4.82
	29-06-2019	47.67	3.96	6.33
	02-07-2019	41.23	4.88	5.94
	04-07-2019	40.33	5.72	5.61
	09-07-2019	25.41	3.95	4.29
	11-07-2019	20.97	4.69	4.36
PELLING	27-06-2019	27.9	4.03	4.29
	29-06-2019	28.7	3.75	4.45
	02-07-2019	11.2	4.78	3.81
	04-07-2019	18	3.19	3.56
	09-07-2019	22.1	3.06	3.65
	11-07-2019	18.6	2.92	3.49
RAVANGLA	27-06-2019	23.18	3.1	3.96
	29-06-2019	21.68	5	3.35
	02-07-2019	21.64	5.5	5.46
	04-07-2019	23.6	5.2	4.07
	09-07-2019	23.90	4.6	4.07
	11-07-2019	24.24	4.9	4.45
NAMCHI	27-06-2019	36.89	5.5	4.53
	29-06-2019	35.98	4.80	4.29
	02-07-2019	34.36	6.8	3.27
	04-07-2019	35.46	5.4	4.05
	09-07-2019	27.06	4.9	3.22
	11-07-2019	28.24	4.6	3.54
CHUNGTHANG	27-06-2019	19.13	3.58	1.35
	29-06-2019	19.27	4.50	1.32
	02-07-2019	42.08	6.2	5.88
	04-07-2019	39.30	5.9	5.11
	09-07-2019	12.53	3.43	1.39
	11-07-2019	15.12	3.47	1.75
MANGAN	27-06-2019	33.03	5.9	4.58
	29-06-2019	37.72	4.5	5.73
	02-07-2019	42.08	6.2	5.88
	04-07-2019	39.30	5.9	5.11
	09-07-2019	21.26	4.4	4.74
	11-07-2019	21.52	4	3.91
<b>National Ambient Air Quality Standards (NAAQS – 24 hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>