

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF NOVEMBER 2024**

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	05.11.2024	07.11.2024	12.11.2024	14.11.2024	19.11.2024	21.11.2024	26.11.2024	28.11.2024
1	RANGPO, East Sikkim	51 (Satisfactory)	56 (Satisfactory)	51 (Satisfactory)	48 (Good)	53 (Satisfactory)	47 (Good)	49 (Good)	59 (Satisfactory)
2	SINGTAM, East Sikkim	50 (Good)	54 (Satisfactory)	51 (Satisfactory)	48 (Good)	52 (Satisfactory)	53 (Satisfactory)	53 (Satisfactory)	47 (Good)
3	DEORALI, East Sikkim	38 (Good)	55 (Satisfactory)	40 (Good)	39 (Good)	42 (Good)	54 (Satisfactory)	51 (Satisfactory)	45 (Good)
4	RAVANGLA, South Sikkim	41 (Good)	41 (Good)	38 (Good)	41 (Good)	33 (Good)	33 (Good)	40 (Good)	30 (Good)
5	NAMCHI, South Sikkim	35 (Good)	34 (Good)	34 (Good)	34 (Good)	33 (Good)	35 (Good)	35 (Good)	35 (Good)
6	PELLING, West Sikkim	36 (Good)	33 (Good)	35 (Good)	38 (Good)	23 (Good)	30 (Good)	32 (Good)	31 (Good)
7	MANGAN, North Sikkim	41 (Good)	38 (Good)	44 (Good)	43 (Good)	39 (Good)	42 (Good)	40 (Good)	36 (Good)
8	CHUNGTHANG, North Sikkim	23 (Good)	25 (Good)	28 (Good)	26 (Good)	30 (Good)	31 (Good)	31 (Good)	26 (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 evenon healthy people

**STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP FOR THE MONTH OF NOVEMBER 2024**

Station	Sampling Date	STANDARD OF PARAMETERS BY C.P.C.B				
		SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	AQI
RANGPO	05-Nov-24	4.66	9.5	51.04	16.89	51
	07-Nov-24	4.13	9.85	55.74	20.67	56
	12-Nov-24	4.99	10.49	50.91	11.54	51
	14-Nov-24	7.08	10.84	47.66	14.81	48
	19-Nov-24	4.16	9.32	53.26	12.64	53
	21-Nov-24	4.5	11.43	47.15	14.13	47
	26-Nov-24	3.68	8.13	48.91	16.69	49
	28-Nov-24	3.94	8.48	59.26	16.96	59
Singtam	05-Nov-24	5.49	12.43	49.7	23.33	50
	07-Nov-24	5.61	12.1	54.22	20.64	54
	12-Nov-24	5.6	12.39	50.72	17.08	51
	14-Nov-24	6.25	13.61	48.06	19.16	48
	19-Nov-24	5.55	13.61	51.82	17.68	52
	21-Nov-24	6.16	12.88	52.62	18.68	53
	26-Nov-24	6.16	12.39	53.3	21.66	53
	28-Nov-24	5.21	11.36	46.81	19.58	47
Gangtok	05-Nov-24	3.49	7.81	38.26	19.23	38
	07-Nov-24	5.6	13.72	54.84	20.43	55
	12-Nov-24	7.72	4.33	39.75	19.92	40
	14-Nov-24	7.17	3.76	39.17	19.88	39
	19-Nov-24	11.01	6.55	41.66	19.22	42
	21-Nov-24	6.31	14.39	53.9	19.59	54
	26-Nov-24	5.19	9.27	51.42	20.86	51
	28-Nov-24	4.78	8.94	44.69	24.53	45
Ravangla	05-Nov-24	7.01	10.39	40.86	15.51	41
	07-Nov-24	7.63	10.39	40.86	14.29	41
	12-Nov-24	6.7	8.36	38.41	14.26	38
	14-Nov-24	7.63	10.39	40.86	15.87	41
	19-Nov-24	6.83	8.47	32.94	13.59	33
	21-Nov-24	5.78	8.02	33.16	13.14	33
	26-Nov-24	6.43	8.88	39.58	14.17	40
	28-Nov-24	6.83	7.45	29.86	11.51	30
Namchi	05-Nov-24	5.5	6.33	35.35	14.54	35
	07-Nov-24	4.74	7.08	33.72	13.32	34
	12-Nov-24	4.96	7.04	33.67	16.66	34
	14-Nov-24	4.7	6.72	34.39	15.79	34
	19-Nov-24	4.97	7.09	32.88	16.62	33
	21-Nov-24	5.53	6.53	34.61	15.41	35
	26-Nov-24	4.47	5.48	35.02	15.79	35
	28-Nov-24	4.98	6.76	34.79	14.79	35

Station	Sampling Date	STANDARD OF PARAMETERS BY C.P.C.B				
		SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	PM <sub>10</sub> (µg/m <sup>3</sup> )	PM <sub>2.5</sub> (µg/m <sup>3</sup> )	AQI
Pelling	05-Nov-24	4.45	6.74	36.37	15	36
	07-Nov-24	4.17	7.11	32.97	13.5	33
	12-Nov-24	3.46	6.27	35.33	12.2	35
	14-Nov-24	3.72	7.53	37.5	13.1	38
	19-Nov-24	3.68	6.85	23.17	10	23
	21-Nov-24	4.02	7.62	30.47	11.7	30
	26-Nov-24	5.28	8.13	32.07	14.2	32
	28-Nov-24	2.71	6.68	31.2	12.8	31
Mangan	05-Nov-24	3.9	5.92	40.65	12.68	41
	07-Nov-24	3.67	6.18	38.06	12.49	38
	12-Nov-24	4.19	6.47	43.79	12.73	44
	14-Nov-24	3.92	6.3	43.19	16.68	43
	19-Nov-24	3.42	6.23	39.06	12.49	39
	21-Nov-24	4.19	6.23	42.35	16.6	42
	26-Nov-24	3.69	6.14	39.85	12.14	40
	28-Nov-24	3.14	6.23	36.39	8.23	36
Chungthang	05-Nov-24	4.46	5.76	23.08	4.58	23
	07-Nov-24	4.21	6.02	25.01	5.66	25
	12-Nov-24	4.55	5.77	28.18	6.34	28
	14-Nov-24	5.73	6.32	26.49	6.65	26
	19-Nov-24	5.09	6.21	29.53	5.41	30
	21-Nov-24	5.1	6.53	30.53	6.24	31
	26-Nov-24	5.02	6.29	31.49	6.93	31
	28-Nov-24	5.52	6.15	26.27	7.49	26
<b>National Ambient Air Quality Standard (NAAQS-24hrs)</b>		<b>80</b>	<b>80</b>	<b>100</b>	<b>60</b>	

**National Ambient Air Quality Standard (NAAQS-24hrs)**