

**STATE POLLUTION CONTROL BOARD-SIKKIM**  
**AMBIENT AIR QUALITY MONITORING REPORT FOR THE**  
**MONTH OF MAY 2022**

SN	LOCATION	AIR QUALITY INDEX										
	NAME OF STATION	02.05.2022	03.05.2022	05.05.2022	10.05.2022	12.05.2022	17.05.2022	19.05.2022	20.05.2022	24.05.2022	26.05.2022	31.05.2022
1	RANGPO, East Sikkim		77 (Satisfactory)	80 (Satisfactory)	77 (Satisfactory)	76 (Satisfactory)	59 (Satisfactory)		85 (Satisfactory)	72 (Satisfactory)	81 (Satisfactory)	86 (Satisfactory)
2	SINGTAM, East Sikkim		54 (Satisfactory)	58 (Satisfactory)	52 (Satisfactory)	51 (Satisfactory)	56 (Satisfactory)		58 (Satisfactory)	54 (Satisfactory)	60 (Satisfactory)	59 (Satisfactory)
3	DEORALI, East Sikkim		59 (Satisfactory)	55 (Satisfactory)	56 (Satisfactory)	57 (Satisfactory)	58 (Satisfactory)	54 (Satisfactory)		60 (Satisfactory)	50 (Satisfactory)	40 (Good)
4	RAVANGLA, South Sikkim		22 (Good)	21 (Good)	22 (Good)	20 (Good)	23 (Good)	20 (Good)		20 (Good)	21 (Good)	20 (Good)
5	NAMCHI, South Sikkim	33 (Good)	35 (Good)	35 (Good)	33 (Good)	35 (Good)	34 (Good)	34 (Good)		34 (Good)	37 (Good)	37 (Good)
6	PELLING, West Sikkim		54 (Satisfactory)	58 (Satisfactory)	52 (Satisfactory)	51 (Satisfactory)	56 (Satisfactory)		58 (Satisfactory)	54 (Satisfactory)	60 (Satisfactory)	59 (Satisfactory)
7	MANGAN, North Sikkim		34 (Good)	29 (Good)	31 (Good)	26 (Good)	34 (Good)	31 (Good)		25 (Good)	27 (Good)	25 (Good)
8	CHUNGTHANG, North Sikkim		27 (Good)	27 (Good)	28 (Good)	29 (Good)						

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

**STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP FOR THE MONTH OF MAY 2022**

STATION	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> )	AQI
RANGPO	03/05/2022	5.61	11.77	76.57	77
	05/05/2022	4.57	12.39	79.55	80
	10/05/2022	6.3	11.15	77.09	77
	12/05/2022	5.84	9.84	75.7	76
	17/05/2022	9.06	13.19	58.56	59
	20/05/2022	6.82	12.12	85.08	85
	24/05/2022	7.37	12.56	71.85	72
	26/05/2022	5.89	13.42	81.05	81
	31/05/2022	8.16	10.62	86.39	86
SINGTAM	03/05/2022	8.11	10.82	54.44	54
	05/05/2022	9.08	9.37	57.5	58
	10/05/2022	8.38	9.58	51.78	52
	12/05/2022	7.84	9.57	51.21	51
	17/05/2022	7.11	9.92	55.83	56
	20/05/2022	6.86	9.5	58.36	58
	24/05/2022	8.33	10.21	54.13	54
	26/05/2022	8.58	10.06	59.78	60
	31/05/2022	8.81	11.24	58.69	59
GANGTOK	03/05/2022	4	10.16	58.67	59
	05/05/2022	4.29	10.46	55.27	55
	10/05/2022	4.96	10.15	56.12	56
	12/05/2022	4.18	10.09	57.19	57
	17/05/2022	6.29	11.79	57.98	58
	19/05/2022	4.4	11.34	54.08	54
	24/05/2022	3.62	13.22	59.85	60
	26/05/2022	4.2	12.63	50.39	50
	31/05/2022	5.52	9.55	40.24	40
RAVANGLA	03/05/2022	3.72	3.28	21.59	22
	05/05/2022	3.55	4.63	20.71	21
	10/05/2022	3.37	5.21	21.9	22
	12/05/2022	3.63	4.17	20.23	20
	17/05/2022	4.4	4.4	22.9	23
	19/05/2022	3.45	4.11	19.98	20
	24/05/2022	4.34	4.15	20.47	20

STATION	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> )	AQI
	26/05/2022	4.21	4.54	20.56	21
	31/05/2022	5.22	3.07	20.2	20
	02/05/2022	4.07	4.8	33.43	33
NAMCHI	03/05/2022	4.01	4.01	34.98	35
	05/05/2022	4.44	5.72	35.22	35
	10/05/2022	4.43	6.35	33.44	33
	12/05/2022	4.43	6.19	34.98	35
	17/05/2022	4.86	5.75	33.79	34
	19/05/2022	5.07	5.87	33.81	34
	24/05/2022	3.32	5.7	33.92	34
	26/05/2022	4.43	5.71	37.23	37
	31/05/2022	4.22	6.33	36.63	37
	PELLING	03/05/2022	8.11	10.82	54.44
05/05/2022		9.08	9.37	57.5	58
10/05/2022		8.38	9.58	51.78	52
12/05/2022		7.84	9.57	51.21	51
17/05/2022		7.11	9.92	55.83	56
20/05/2022		6.86	9.5	58.36	58
24/05/2022		8.33	10.21	54.13	54
26/05/2022		8.58	10.06	59.78	60
31/05/2022		8.81	11.24	58.69	59
MANGAN	03/05/2022	2.3	6.22	33.64	34
	05/05/2022	2.1	5.84	29.31	29
	10/05/2022	1.88	6.38	31.14	31
	12/05/2022	2.08	6.17	25.83	26
	17/05/2022	1.9	6.2	34.38	34
	19/05/2022	2.49	6.05	31.35	31
	24/05/2022	2.08	6.83	25.25	25
	26/05/2022	2.29	6.34	27.28	27
	31/05/2022	1.69	5.37	24.84	25
CHUNGTHANG	03/05/2022	3.54	4	27.37	27
	05/05/2022	3.12	5.25	27.34	27
	10/05/2022	3.12	5	27.72	28
	12/05/2022	2.71	5.38	29.08	29
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

National Ambient Air Quality Standard (NAAQS-24hrs)