

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

SN	LOCATION	AIR QUALITY INDEX										
		01.03.2022	03.03.2022	08.03.2022	10.03.2022	14.03.2022	16.03.2022	21.03.2022	22.03.2022	24.02.2022	29.03.2022	31.03.2022
1	RANGPO, East Sikkim	74 (Satisfactory)	69 (Satisfactory)	70 (Satisfactory)	75 (Satisfactory)	75 (Satisfactory)	75 (Satisfactory)		68 (Satisfactory)	57 (Satisfactory)	56 (Satisfactory)	88 (Satisfactory)
2	SINGTAM, East Sikkim	66 (Satisfactory)	63 (Satisfactory)	68 (Satisfactory)	71 (Satisfactory)	74 (Satisfactory)	69 (Satisfactory)		63 (Satisfactory)	65 (Satisfactory)	60 (Satisfactory)	59 (Satisfactory)
3	DEORALI, East Sikkim	54 (Satisfactory)	55 (Satisfactory)	67 (Satisfactory)	69 (Satisfactory)	68 (Satisfactory)	64 (Satisfactory)		69 (Satisfactory)	64 (Satisfactory)	85 (Satisfactory)	66 (Satisfactory)
4	RAVANGLA, South Sikkim	22 (Good)	22 (Good)	21 (Good)	22 (Good)	22 (Good)	22 (Good)	21 (Good)	21 (Good)	20 (Good)	19 (Good)	21 (Good)
5	NAMCHI, South Sikkim	31 (Good)	34 (Good)	26 (Good)	25 (Good)	25 (Good)	25 (Good)		35 (Good)	38 (Good)	34 (Good)	35 (Good)
6	PELLING, West Sikkim	39 (Good)	42 (Good)	40 (Good)	35 (Good)	32 (Good)	33 (Good)		41 (Good)	48 (Good)	48 (Good)	51 (Good)
7	MANGAN, North Sikkim	36 (Good)	32 (Good)	22 (Good)	33 (Good)	30 (Good)	37 (Good)		29 (Good)	21 (Good)	24 (Good)	23 (Good)
8	CHUNGTHANG, North Sikkim	27 (Good)	26 (Good)	27 (Good)	25 (Good)	25 (Good)	25 (Good)		31 (Good)	31 (Good)	28 (Good)	28 (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 MARCH 2022**

STATION	DATE	STANDARD PARAMETERS BY C.P.C.B			
		PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	AQI
RANGPO	01/03/2022	73.93	7.43	10.35	74
	03/03/2022	68.84	6.47	10.17	69
	08/03/2022	70.29	8.92	9.94	70
	10/03/2022	74.69	7.38	10.38	75
	14/03/2022	75.3	4.56	9.48	75
	16/03/2022	75.32	5.42	9.16	75
	22/03/2022	68.3	4.78	9.43	68
	24/03/2022	56.9	7.59	8.15	57
	29/03/2022	56.12	7.44	9.21	56
	31/03/2022	88.43	6.94	10.95	88
SINGTAM	01/03/2022	65.63	9.14	11.16	66
	03/03/2022	62.77	8.77	10.37	63
	08-03-2022	68.43	9.35	10.2	68
	10-03-2022	70.61	9.66	10.24	71
	14-03-2022	73.82	10.36	11.2	74
	16-03-2022	69.38	8.47	11.03	69
	22/03/2022	62.71	9.65	10.21	63
	24/03/2022	64.83	9.36	10.58	65
	29/03/2022	60.12	8.86	10.42	60
	31/03/2022	58.77	9.01	11.09	59
DEORALI	01/03/2022	53.67	3.64	9.96	54
	03/03/2022	55.38	3.89	9.51	55
	08-03-2022	66.86	4.1	8.18	67
	10-03-2022	68.86	3.9	7.5	69
	14-03-2022	68.12	3.1	8.93	68
	16-03-2022	64.35	2.6	8.41	64
	22/03/2022	69.24	5.41	8.22	69
	24/03/2022	64.17	5.63	8.56	64
	29/03/2022	81.63	5.47	9.03	82
	31/03/2022	66.21	4.78	8.41	66
RAVANGLA	01/03/2022	22.19	4.86	4.4	22
	03/03/2022	21.61	3.61	4.69	22
	08-03-2022	21.1	4.7	3.09	21
	10-03-2022	22.32	3.8	3.7	22
	14/03/2022	21.74	5.16	5.14	22
	16/03/2022	21.61	4.69	3.77	22
	21/03/2022	21.41	5.53	3.57	21

STATION	DATE	STANDARD PARAMETERS BY C.P.C.B			
		PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	AQI
	22/03/2022	21.41	4.76	3.44	21
	24/03/2022	19.55	4.41	4.32	20
	29/03/2022	19.11	5.51	3.67	19
	31/03/2022	20.51	5.88	4.92	21
NAMCHI	01/03/2022	31.26	4.66	6.25	31
	03/03/2022	33.59	3.76	7.08	34
	08-03-2022	26.17	3.92	5.94	26
	10-03-2022	25.44	3.65	5.34	25
	14-03-2022	25.25	3.91	4.76	25
	16-03-2022	25.04	4.11	5.14	25
	22/03/2022	35.08	5.23	4.85	35
	24/03/2022	37.86	4.7	5.48	38
	29/03/2022	34.35	5.51	6.26	34
	31/03/2022	35.47	3.5	5.55	35
PELLING	01/03/2022	38.63	3.58	1.72	39
	03/03/2022	41.83	4.03	1.69	42
	08/03/2022	40.43	4.92	1.86	40
	10/03/2022	34.53	3.13	1.77	35
	14/03/2022	31.8	3.47	2.34	32
	16/03/2022	32.67	3.91	2.17	33
	22/03/2022	40.77	6.5	4.04	41
	24/03/2022	48.27	4.14	2.34	48
	29/03/2022	48.3	4.93	2.52	48
	31/03/2022	50.6	3.94	2.69	51
MANGAN	01/03/2022	35.67	1.42	6.07	36
	03/03/2022	32.28	1.42	5.28	32
	08/03/2022	22.32	1.82	6.99	22
	10/03/2022	33.44	2.25	7.78	33
	14/03/2022	30	1.83	8.67	30
	16/03/2022	37.37	1.95	5.83	37
	22/03/2022	28.87	2.4	6.19	29
	24/03/2022	20.78	2.26	6.82	21
	29/03/2022	24.08	1.95	4.6	24
	31/03/2022	23.45	2.25	5.81	23
CHUNGTHANG	01/03/2022	26.73	3.47	4.42	27
	03/03/2022	25.99	4.4	4.8	26
	08/03/2022	27.04	5.06	6.22	27
	10/03/2022	25.2	5.66	6.01	25
	14/03/2022	25.42	6.26	6.95	25
	16/03/2022	25.48	6.55	6.79	25
	22/03/2022	30.67	5.36	5.5	31

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		PM <sub>10</sub> (µg/m <sup>3</sup> )	SO <sub>2</sub> (µg/m <sup>3</sup> )	NO <sub>2</sub> (µg/m <sup>3</sup> )	AQI
	24/03/2022	30.79	5.66	6.33	31
	29/03/2022	28.19	2.98	4.61	28
	31/03/2022	27.87	4.46	4.93	28
<b>National Ambient Air Quality Standard (NAAQS-24hrs)</b>		<b>100</b>	<b>80</b>	<b>80</b>	

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