

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

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	02.06.2022	07.06.2022	09.06.2022	14.06.2022	16.06.2022	21.06.2022	23.06.2022	28.06.2022	30.06.2022
1	RANGPO, East Sikkim	87 (Satisfactory)	74 (Satisfactory)	70 (Satisfactory)	59 (Satisfactory)	71 (Satisfactory)	63 (Satisfactory)	69 (Satisfactory)	49 (Good)	77 (Satisfactory)
2	SINGTAM, East Sikkim	55 (Satisfactory)	61 (Satisfactory)	57 (Satisfactory)	59 (Satisfactory)	53 (Satisfactory)	57 (Satisfactory)	63 (Satisfactory)	60 (Satisfactory)	61 (Satisfactory)
3	DEORALI, East Sikkim	39 (Good)	43 (Good)	35 (Good)	38 (Good)	35 (Good)	39 (Good)	38 (Good)	41 (Good)	36 (Good)
4	RAVANGLA, South Sikkim	20 (Good)	20 (Good)	19 (Good)	20 (Good)	20 (Good)	18 (Good)	20 (Good)	20 (Good)	19 (Good)
5	NAMCHI, South Sikkim	33 (Good)	30 (Good)	35 (Good)	32 (Good)	39 (Good)	34 (Good)	32 (Good)	35 (Good)	34 (Good)
6	PELLING, West Sikkim	29 (Good)	35 (Good)	37 (Good)	27 (Good)	24 (Good)	25 (Good)	23 (Good)	34 (Good)	28 (Good)
7	MANGAN, North Sikkim	21 (Good)	22 (Good)	23 (Good)	24 (Good)	23 (Good)	21 (Good)	23 (Good)	20 (Good)	24 (Good)
8	CHUNGTHANG, North Sikkim		29 (Good)	21 (Good)	22 (Good)	18 (Good)	27 (Good)	27 (Good)	26 (Good)	24 (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 JUNE 2022**

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> )	AQI
RANGPO	02/06/2022	10.02	16.44	87.35	87
	07/06/2022	5.93	14.7	73.86	74
	09/06/2022	4.72	13.46	70.41	70
	14/06/2022	3.71	13.22	59.01	59
	16/06/2022	3.02	11.6	70.75	71
	21/06/2022	3.77	13.2	62.57	63
	23/06/2022	4.3	13.96	68.54	69
	28/06/2022	3.88	13.62	49.26	49
	30/06/2022	4.64	12.18	77.06	77
SINGTAM	02/06/2022	7.74	10.44	55.16	55
	07/06/2022	8.44	11.01	60.93	61
	09/06/2022	7.28	10.04	57.46	57
	14/06/2022	7.61	10.81	58.66	59
	16/06/2022	6.73	9.69	52.97	53
	21/06/2022	7.96	10.15	56.71	57
	23/06/2022	6.52	9.28	63.3	63
	28/06/2022	6.11	10.66	59.67	60
	30/06/2022	5.71	9.75	60.68	61
GANGTOK	02/06/2022	4.37	9.69	39.1	39
	07/06/2022	5.21	10.07	42.83	43
	09/06/2022	5.17	10.1	35.43	35
	14/06/2022	5.2	10.07	37.63	38
	16-06-2022	5.4	9.97	34.52	35
	21-06-2022	6.1	10.23	38.9	39
	23-06-2022	5.7	10.02	38.44	38
	28/06/2022	4.07	10.11	40.92	41
	30/06/2022	5.43	10.06	35.65	36
RAVANGLA	02/06/2022	5.61	3.21	19.66	20
	07/06/2022	5.54	3.59	20.1	20
	09/06/2022	6.12	4.8	19.01	19
	14/06/2022	4.48	7.11	20.22	20
	16/06/2022	4.66	5.88	20	20
	21/06/2022	4.1	4.87	18.45	18
	23/06/2022	4.78	6.17	20.32	20
	28/06/2022	4.81	6.28	19.91	20

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> )	AQI
	30/06/2022	4.39	5.32	19	19
NAMCHI	02/06/2022	4.07	4.8	33.43	33
	07/06/2022	3.92	5.94	30.45	30
	09/06/2022	4.17	5.51	35.19	35
	14/06/2022	4.07	4.84	32.43	32
	16/06/2022	4.08	4.94	39.05	39
	21/06/2022	4.08	4.6	34.12	34
	23/06/2022	4.08	5.02	31.76	32
	28/06/2022	4.18	5.27	34.55	35
	30/06/2022	4.09	6.08	33.88	34
PELLING	02/06/2022	5.99	3.81	29.1	29
	07/06/2022	6.51	3.75	34.87	35
	09/06/2022	6.25	4.19	36.7	37
	14/06/2022	7.55	2.77	27	27
	16/06/2022	5.47	2.64	23.57	24
	21/06/2022	6.51	3.11	25.33	25
	23/06/2022	5.47	3.56	22.77	23
	28/06/2022	5.47	5.08	33.97	34
	30/06/2022	5.47	3.05	27.7	28
MANGAN	02/06/2022	2.27	6.28	21.13	21
	07/06/2022	1.91	6.33	22.06	22
	09/06/2022	2.08	5.29	22.65	23
	14/06/2022	2.06	6.05	23.55	24
	16/06/2022	2.11	6.21	22.69	23
	21/06/2022	1.56	5.25	20.89	21
	23/06/2022	1.75	5.32	22.55	23
	28/06/2022	1.74	5.8	19.64	20
	30/06/2022	1.92	6.46	23.83	24
CHUNGTHANG	07/06/2022	2.71	2.75	28.52	29
	09/06/2022	4.38	3.31	20.56	21
	14/06/2022	5.04	5.28	21.74	22
	16/06/2022	4.18	2.65	17.74	18
	21/06/2022	4.19	3.14	27.39	27
	23/06/2022	4.71	2.26	27.02	27
	28/06/2022	4.17	2.1	26.32	26
	30/06/2022	6.5	2.71	24.16	24
<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)**