

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

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	05.04.2022	07.04.2022	11.04.2022	13.04.2022	19.04.2022	21.04.2022	26.04.2022	28.04.2022
1	RANGPO, East Sikkim	77 (Satisfactory)	79 (Satisfactory)	59 (Satisfactory)	67 (Satisfactory)	68 (Satisfactory)	71 (Satisfactory)	73 (Satisfactory)	82 (Satisfactory)
2	SINGTAM, East Sikkim	62 (Good)	58 (Satisfactory)	60 (Satisfactory)	56 (Satisfactory)	59 (Satisfactory)	55 (Satisfactory)	56 (Satisfactory)	54 (Satisfactory)
3	DEORALI, East Sikkim	66 (Satisfactory)	63 (Satisfactory)	59 (Satisfactory)	50 (Good)	58 (Satisfactory)	59 (Satisfactory)	67 (Satisfactory)	55 (Satisfactory)
4	RAVANGLA, South Sikkim	23 (Good)	21 (Good)	23 (Good)	22 (Good)	21 (Good)	21 (Good)	22 (Good)	21 (Good)
5	NAMCHI, South Sikkim	34 (Good)	31 (Good)	36 (Good)	33 (Good)	33 (Good)	38 (Good)	35 (Good)	38 (Good)
6	PELLING, West Sikkim	35 (Good)	38 (Good)	39 (Good)	36 (Good)	39 (Good)	37 (Good)	35 (Good)	40 (Good)
7	MANGAN, North Sikkim	31 (Good)	26 (Good)	32 (Good)	33 (Good)	35 (Good)	36 (Good)	33 (Good)	39 (Good)
8	CHUNGTHANG, North Sikkim	28 (Good)	29 (Good)	27 (Good)	27 (Good)	29 (Good)	27 (Good)	27 (Good)	29 (Good)

Good (0–50)	Minimal Impact	Poor (201–300)	Breathing discomfort to people on prolonged exposure
Satisfactory (51–100)	Minor breathing discomfort to sensitive people	Very Poor (301–400)	Respiratory illness to the people on prolonged exposure
Moderate (101–200)	Breathing discomfort to the people with lung, heart disease, children and older adults	Severe (>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 APRIL 2022

STATION	Date	STANDARD OF PARAMETERS BY C.P.C.B			
		SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	AQI
RANGPO	05/04/2022	4.05	10.57	76.86	77
	07/04/2022	6.13	10.95	79.12	79
	11/04/2022	5.29	9.23	58.81	59
	13/04/2022	5.55	8.76	67.37	67
	19/04/2022	5.86	7.83	67.76	68
	21/04/2022	5.05	10.18	71.26	71
	26/04/2022	6.28	11.24	72.69	73
	28/04/2022	5.05	12.64	82.06	82
SINGTAM	05/04/2022	8.78	9.11	62.05	62
	07/04/2022	8.13	10.07	58.26	58
	11/04/2022	9.48	10.6	59.73	60
	13/04/2022	8.65	10.23	56.36	56
	19/04/2022	9.49	10.53	58.86	59
	21/04/2022	8.03	11.04	54.71	55
	26/04/2022	9.03	10.74	56.3	56
	28/04/2022	7.54	10.13	53.76	54
GANGTOK	05/04/2022	2.67	9.52	65.52	66
	07/04/2022	2.52	9.79	63.48	63
	11/04/2022	2.9	10.04	59.35	59
	13/04/2022	2.96	10.03	50.02	50
	19/04/2022	3.29	10.2	58.28	58
	21/04/2022	3.38	10.19	58.72	59
	26/04/2022	4.51	10.13	67.48	67
	28/04/2022	3.44	10.43	54.83	55
RAVANGLA	05/04/2022	4.72	4.53	22.7	23
	07/04/2022	3.68	4.18	20.58	21
	11/04/2022	3.98	4.91	23.35	23
	13/04/2022	4.28	4.37	21.87	22
	19/04/2022	4.46	4.19	21.16	21
	21/04/2022	5.47	4.89	21.4	21
	26/04/2022	5.3	4.4	21.89	22
	28/04/2022	5.06	4.33	21.15	21

STATION	Date	STANDARD OF PARAMETERS BY C.P.C.B			
		SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	PM ₁₀ (µg/m ³)	AQI
NAMCHI	05/04/2022	4.7	6.54	33.95	34
	07/04/2022	6.34	7.71	31.06	31
	11/04/2022	6.34	7.81	35.77	36
	13/04/2022	7.25	8	32.87	33
	19/04/2022	4.56	7.05	32.6	33
	21/04/2022	4.7	4.94	37.61	38
	26/04/2022	5.74	6.77	34.54	35
	28/04/2022	6.64	8.04	38.06	38
PELLING	05/04/2022	2.71	3.25	35.23	35
	07/04/2022	3.22	3.24	38	38
	11/04/2022	3.54	3.62	38.63	39
	13/04/2022	3	4.58	36.4	36
	19/04/2022	3.97	2.86	39.2	39
	21/04/2022	4.62	5.16	37.43	37
	26/04/2022	3.76	4.11	35	35
	28/04/2022	4.73	4.87	40.3	40
MANGAN	05/04/2022	1.9	5.13	30.95	31
	07/04/2022	1.91	5.36	26.3	26
	11/04/2022	2.27	5.62	31.64	32
	13/04/2022	2.28	5.83	32.82	33
	19/04/2022	2.09	7.19	35.19	35
	21/04/2022	1.52	5.51	35.67	36
	26/04/2022	2.08	5.94	32.74	33
	28/04/2022	2.1	6.04	38.76	39
CHUNGTHANG	05/04/2022	2.46	6.03	27.52	28
	07/04/2022	2.65	4.13	28.93	29
	11/04/2022	3.41	6.08	27.44	27
	13/04/2022	4.17	6.8	26.95	27
	19/04/2022	3.6	4.99	28.88	29
	21/04/2022	3.6	4.85	27.09	27
	26/04/2022	2.65	5.53	26.83	27
	28/04/2022	3.22	4.36	28.55	29
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

National Ambient Air Quality Standard (NAAQS-24hrs)