

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

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	11.01.2022	13.01.2022	17.01.2022	19.01.2022	21.01.2022	24.01.2022	27.01.2022	29.01.2022
1	RANGPO, East Sikkim	65 (Satisfactory)	63 (Satisfactory)	67 (Satisfactory)	65 (Satisfactory)	60 (Satisfactory)	63 (Satisfactory)	65 (Satisfactory)	65 (Satisfactory)
2	SINGTAM, East Sikkim	60 (Satisfactory)	60 (Satisfactory)	61 (Satisfactory)	61 (Satisfactory)	55 (Satisfactory)	63 (Satisfactory)	65 (Satisfactory)	67 (Satisfactory)
3	DEORALI, East Sikkim	60 (Satisfactory)	59 (Satisfactory)	54 (Satisfactory)	54 (Satisfactory)	44 (Good)	42 (Good)	43 (Good)	45 (Good)
4	RAVANGLA, South Sikkim	24 (Good)	23 (Good)	22 (Good)	21 (Good)	22 (Good)	20 (Good)	21 (Good)	22 (Good)
5	NAMCHI, South Sikkim	24 (Good)	23 (Good)	25 (Good)	27 (Good)	23 (Good)	24 (Good)	25 (Good)	25 (Good)
6	PELLING, West Sikkim	37 (Good)	36 (Good)	39 (Good)	34 (Good)	29 (Good)	37 (Good)	31 (Good)	34 (Good)
7	MANGAN, North Sikkim	22 (Good)	23 (Good)	22 (Good)	25 (Good)	18 (Good)	25 (Good)	25 (Good)	21 (Good)
8	CHUNGTHANG, North Sikkim	24 (Good)	25 (Good)	27 (Good)	27 (Good)	26 (Good)	24 (Good)	25 (Good)	24 (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 JANUARY 2022

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B			
		PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	AQI
RANGPO	11.01.2022	65.24	2.02	7.82	65
	13.01.2022	63.02	2.84	8.39	63
	17.01.2022	67.48	2.99	5.97	67
	19.01.2022	65.31	1.83	6.02	65
	21.01.2022	59.97	2.15	5.76	60
	24.01.2022	63.33	2.72	4.79	63
	27.01.2022	64.71	2.24	5.65	65
	29.01.2022	64.68	2.78	5.6	65
SINGTAM	11.01.2022	59.87	7.65	8.1	60
	13.01.2022	60.47	8.51	9.12	60
	17.01.2022	60.8	6.57	9.85	61
	19.01.2022	61.48	8.92	9.4	61
	21.01.2022	54.78	7.94	9.2	55
	24.01.2022	62.51	7.4	9.77	63
	27.01.2022	65.32	7.3	8.51	65
	29.01.2022	66.56	7.1	9.42	67
DEORALI	11.01.2022	59.6	2.41	10.01	60
	13.01.2022	58.77	2.65	9.56	59
	17.01.2022	53.72	3.92	9.94	54
	19.01.2022	53.56	3.4	9.83	54
	21.01.2022	44.44	2.94	9.37	44
	24.01.2022	41.5	3.7	9.36	42
	27.01.2022	43.2	3.4	9.79	43
	29.01.2022	44.76	2.8	8.92	45
PELLING	11.01.2022	36.93	6	2.22	37
	13.01.2022	36.27	6.38	2.46	36
	17.01.2022	38.5	6.57	2.96	39
	19.01.2022	33.67	4.5	2.63	34
	21.01.2022	28.73	5.32	2.56	29
	24.01.2022	37.17	3.75	2.38	37
	27.01.2022	31.23	4.88	2.14	31
	29.01.2022	33.7	4.5	1.81	34
RAVANGLA	11.01.2022	24.12	4.6	3.6	24
	13.01.2022	23.41	4.76	3.42	23
	17.01.2022	22.19	4.15	3.76	22
	19.01.2022	21.48	4.76	4.86	21
	21.01.2022	21.67	4.46	4.68	22
	24.01.2022	19.74	2.5	3.43	20
	27.01.2022	21.24	3.7	2.74	21
	29.01.2022	22.07	4.3	2.86	22

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B			
		PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	AQI
NAMCHI	11.01.2022	23.7	5.76	5.4	24
	13.01.2022	23.21	7.03	4.95	23
	17.01.2022	24.87	5.53	3.99	25
	19.01.2022	27.46	7.24	5.06	27
	21.01.2022	22.65	5.12	3.18	23
	24.01.2022	23.94	4.1	4.62	24
	27.01.2022	25.32	4.5	4.07	25
	29.01.2022	25.36	5.1	3.77	25
CHUNGTHANG	11.01.2022	24.45	4.69	5.08	24
	13.01.2022	25.47	5.99	5.94	25
	17.01.2022	27.04	4.17	4.31	27
	19.01.2022	27.46	6.51	6.72	27
	21.01.2022	24.53	4.43	5.4	26
	24.01.2022	23.6	4.4	4.58	24
	27.01.2022	24.64	4.7	5.35	25
	29.01.2022	24.08	4.4	5.17	24
MANGAN	11.01.2022	22	2.77	5.35	22
	13.01.2022	23.19	3.37	5.47	23
	17.01.2022	22.44	2.87	5.06	22
	19.01.2022	24.76	3.05	4.61	25
	21.01.2022	18.07	2.27	5.05	18
	24.01.2022	24.53	3.61	4.86	25
	27.01.2022	25.06	3.04	5.15	25
	29.01.2022	21.26	4.67	5.2	21
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

National Ambient Air Quality Standard (NAAQS-24hrs)