

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

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	02.08.2022	04.09.2022	09.09.2022	11.08.2022	16.08.2022	18.09.2022	23.08.2022	25.08.2022	30.08.2022
1	RANGPO, East Sikkim	59 (Satisfactory)	64 (Satisfactory)	58 (Satisfactory)	64 (Satisfactory)	66 (Satisfactory)	63 (Satisfactory)	55 (Satisfactory)	67 (Satisfactory)	61 (Satisfactory)
2	SINGTAM, East Sikkim	58 (Satisfactory)	61 (Satisfactory)	62 (Satisfactory)	65 (Satisfactory)	59 (Satisfactory)	60 (Satisfactory)	57 (Satisfactory)	59 (Satisfactory)	60 (Satisfactory)
3	DEORALI, East Sikkim	36 (Good)	34 (Good)	40 (Good)	45 (Good)	43 (Good)	35 (Good)	36 (Good)	37 (Good)	37 (Good)
4	RAVANGLA, South Sikkim	19 (Good)	19 (Good)	19 (Good)	23 (Good)	19 (Good)	18 (Good)	23 (Good)	21 (Good)	22 (Good)
5	NAMCHI, South Sikkim	35 (Good)	33 (Good)	31 (Good)	35 (Good)	32 (Good)	32 (Good)	32 (Good)	36 (Good)	33 (Good)
6	PELLING, West Sikkim	19 (Good)	25 (Good)	26 (Good)	24 (Good)	23 (Good)	22 (Good)	21 (Good)	23 (Good)	20 (Good)
7	MANGAN, North Sikkim	15 (Good)	26 (Good)	20 (Good)	22 (Good)	24 (Good)	27 (Good)	23 (Good)	29 (Good)	26 (Good)
8	CHUNGTHANG, North Sikkim	21 (Good)	23 (Good)	19 (Good)	23 (Good)	23 (Good)	21 (Good)	20 (Good)	22 (Good)	20 (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 AUGUST 2022**

Station	Sampling 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	02/08/2022	5.1	9.09	58.67	59
	04/08/2022	4.86	9.43	63.58	64
	09/08/2022	5.26	8.57	57.93	58
	11/08/2022	5.48	9.15	63.58	64
	16/08/2022	5.57	10.83	66.2	66
	18/08/2022	6.26	10.81	63.26	63
	23/08/2022	5.45	10.7	55.12	55
	25/08/2022	5.06	11.38	66.86	67
	30/08/2022	3.91	11.63	61.24	61
Singtam	02/08/2022	7.2	9.53	57.81	58
	04/08/2022	6.99	9.91	61.23	61
	09/08/2022	6.85	9.6	61.77	62
	11/08/2022	6.24	10.01	65.17	65
	16/08/2022	7.25	9.32	58.56	59
	18/08/2022	5.75	8.92	60.2	60
	23/08/2022	6.68	9.02	56.97	57
	25/08/2022	5.76	9.39	59.21	59
	30/08/2022	7.61	10.5	60.22	60
Gangtok	02/08/2022	4.4	9.6	35.83	36
	04/08/2022	4.85	9.48	34.16	34
	09/08/2022	4.53	9.52	39.69	40
	11/08/2022	5.39	9.61	45.09	45
	16/08/2022	4.57	9.55	43.48	43
	18/08/2022	4.73	10.12	34.78	35
	23/08/2022	2.97	10.03	35.72	36
	25/08/2022	3.42	10.31	37.13	37
	30/08/2022	2.83	10.07	37.46	37
Ravangla	02/08/2022	5.32	5.68	18.99	19
	04/08/2022	4.28	4.35	18.72	19
	09/08/2022	4.43	5.44	18.88	19
	11/08/2022	5.08	6.13	22.53	23
	16/08/2022	4.1	4.58	19.32	19
	18/08/2022	4.05	4.8	17.72	18
	23/08/2022	4.83	4.42	23.06	23
	25/08/2022	3.73	4.26	21	21

Station	Sampling 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
	30/08/2022	4.86	4.29	22.11	22
Namchi	02/08/2022	4.44	4.52	35.25	35
	04/08/2022	4.18	4.18	33.49	33
	09/08/2022	4.44	4.98	30.89	31
	11/08/2022	5.4	5.95	34.73	35
	16/08/2022	4.71	5.55	31.76	32
	18/08/2022	4.18	4.73	32.11	32
	23/08/2022	4.35	4.01	32.18	32
	25/08/2022	4.18	4.36	36.18	36
	30/08/2022	4.18	5.34	32.53	33
	Pelling	02/08/2022	6.69	2.48	19.37
04/08/2022		6.7	3.16	25.3	25
09/08/2022		4.22	2.03	26.1	26
11/08/2022		5.7	2.94	24.07	24
16/08/2022		6.94	3.05	23.47	23
18/08/2022		4.96	2.54	21.97	22
23/08/2022		6.69	2.42	20.9	21
25/08/2022		5.45	2.42	22.73	23
30/08/2022		7.68	3.61	19.83	20
Mangan	02/08/2022	-	-	15.03	15
	04/08/2022	-	-	26.15	26
	09/08/2022	-	-	20.22	20.22
	11/08/2022	-	-	22.06	22.06
	16/08/2022	-	-	23.5	24
	18/08/2022	-	-	27.21	27
	23/08/2022	-	-	23.19	23
	25/08/2022	-	-	29.32	29
	30/08/2022	-	-	25.71	26
Chungthang	02/08/2022	-	-	21.36	21
	04/08/2022	-	-	22.64	23
	09/08/2022	-	-	19.3	19
	11/08/2022	-	-	23.42	23
	16/08/2022	-	-	22.85	23
	18/08/2022	-	-	21.17	21
	23/08/2022	-	-	20.03	20
	25/08/2022	-	-	22.27	22
	30/08/2022	-	-	19.75	20
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

National Ambient Air Quality Standard (NAAQS-24hrs)