

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

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	05.07.2022	07.07.2022	12.07.2022	14.07.2022	19.07.2022	21.07.2022	26.07.2022	28.07.2022
1	RANGPO, East Sikkim	64 (Satisfactory)	86 (Satisfactory)	56 (Satisfactory)	55 (Satisfactory)	83 (Satisfactory)	64 (Satisfactory)	66 (Satisfactory)	65 (Satisfactory)
2	SINGTAM, East Sikkim	56 (Satisfactory)	63 (Satisfactory)	61 (Satisfactory)	62 (Satisfactory)	65 (Satisfactory)	64 (Satisfactory)	62 (Satisfactory)	59 (Satisfactory)
3	DEORALI, East Sikkim	43 (Good)	39 (Good)	49 (Good)	42 (Good)	41 (Good)	36 (Good)	41 (Good)	35 (Good)
4	RAVANGLA, South Sikkim	20 (Good)		21 (Good)	19 (Good)	19 (Good)		19 (Good)	18 (Good)
5	NAMCHI, South Sikkim	34 (Good)	33 (Good)	33 (Good)	29 (Good)	36 (Good)	33 (Good)	33 (Good)	36 (Good)
6	PELLING, West Sikkim	33 (Good)	30 (Good)	24 (Good)	22 (Good)	23 (Good)	24 (Good)	21 (Good)	20 (Good)
7	MANGAN, North Sikkim	22 (Good)	24 (Good)	25 (Good)	26 (Good)	28 (Good)	28 (Good)	18 (Good)	18 (Good)
8	CHUNGTHANG, North Sikkim	22 (Good)	23 (Good)	18 (Good)	25 (Good)	22 (Good)	20 (Good)	21 (Good)	22 (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 JULY 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	05/07/2022	4.47	9.03	64.1	64
	07/07/2022	5.61	10.68	86.44	86
	12/07/2022	5.34	9.72	56.01	56
	14/07/2022	4.47	9.1	54.72	55
	19/07/2022	6.18	8.69	83.08	83
	21/07/2022	7.39	10.37	64.35	64
	26/07/2022	5.31	8.82	66.13	66
	28/07/2022	5.75	9.83	64.51	65
Singtam	05/07/2022	7.35	10.84	55.85	56
	07/07/2022	6.37	10.5	62.5	63
	12/07/2022	7.05	11.1	60.87	61
	14/07/2022	6.04	10.15	62.08	62
	19/07/2022	6.79	10.55	64.98	65
	21/07/2022	6.4	10.05	63.57	64
	26/07/2022	6.89	9.55	61.87	62
	28/07/2022	7.21	9.32	58.74	59
Gangtok	05/07/2022	5.9	10.01	43.18	43
	07/07/2022	5.36	10.02	38.59	39
	12/07/2022	6	10.07	48.6	49
	14/07/2022	5.87	10.02	41.55	42
	19/07/2022	6.53	10.03	40.89	41
	21/07/2022	5.4	10.05	36.05	36
	26/07/2022	6.53	10.03	40.89	41
	28/07/2022	5.11	9.79	34.96	35
Ravangla	05/07/2022	5.83	6.24	19.55	20
	07/07/2022	4.26	4.38	-	-
	12/07/2022	4.79	6.26	20.65	21
	14/07/2022	5.41	6.6	18.93	19
	19/07/2022	5.31	5.8	19.14	19
	21/07/2022	4.12	5.39	-	-
	26/07/2022	5.28	5.64	19.38	19
	28/07/2022	4.39	5.95	18.32	18
Namchi	05/07/2022	3.8	7.32	33.88	34
	07/07/2022	4.44	6.66	33.13	33
	12/07/2022	2.43	7.08	33.43	33
	14/07/2022	3.04	4.35	29.13	29

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
	19/07/2022	4.09	5.11	35.66	36
	21/07/2022	3.92	5.11	32.62	33
	26/07/2022	4.1	5.08	32.62	33
	28/07/2022	2.26	3.94	35.56	36
Pelling	05/07/2022	5.47	2.41	33	33
	07/07/2022	4.69	3.36	30.3	30
	12/07/2022	5.73	2.16	23.53	24
	14/07/2022	5.47	2.66	22.27	22
	19/07/2022	7.03	2.54	23.1	23
	21/07/2022	4.95	2.96	23.83	24
	26/07/2022	4.95	3.18	21.07	21
	28/07/2022	5.47	3.49	19.93	20
Mangan	05/07/2022	2.56	6.69	22.05	22
	07/07/2022	2.1	5.67	24.21	24
	12/07/2022	2.41	6.04	25.12	25
	14/07/2022	1.93	6.61	26.35	26
	19/07/2022	1.78	5.42	27.81	28
	21/07/2022	1.62	6.08	27.94	28
	26/07/2022	2.25	5.45	18.42	18
	28/07/2022	-	-	17.76	18
Chungthang	05/07/2022	4.53	1.63	22.49	22
	07/07/2022	6.46	2.51	23.32	23
	12/07/2022	6.64	4.62	17.87	18
	14/07/2022	8.71	4.42	24.58	25
	19/07/2022	7.14	5.5	21.96	22
	21/07/2022	7.67	4.51	20.49	20
	26/07/2022	4.89	5.31	20.64	21
	28/07/2022	-	-	21.63	22
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

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