

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF APRIL 2025

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	01.04.2025	03.04.2025	08.04.2025	10.04.2025	15.04.2025	17.04.2025	22.04.2025	24.04.2025	29.04.2025
1	RANGPO, East Sikkim	58 (Satisfactory)	89 (Satisfactory)	83 (Satisfactory)	57 (Satisfactory)	68 (Satisfactory)	61 (Satisfactory)	73 (Satisfactory)	79 (Satisfactory)	68 (Satisfactory)
2	SINGTAM, East Sikkim	65 (Satisfactory)	67 (Satisfactory)	70 (Satisfactory)	62 (Satisfactory)	66 (Satisfactory)	67 (Satisfactory)	69 (Satisfactory)	65 (Satisfactory)	75 (Satisfactory)
3	DEORALI, East Sikkim	53 (Satisfactory)	42 (Good)	49 (Good)	55 (Satisfactory)	44 (Good)	46 (Good)	45 (Good)	51 (Satisfactory)	51 (Satisfactory)
4	RAVANGLA, South Sikkim	33 (Good)	33 (Good)	34 (Good)	33 (Good)	33 (Good)	32 (Good)	32 (Good)	32 (Good)	33 (Good)
5	NAMCHI, South Sikkim	34 (Good)	35 (Good)	36 (Good)	35 (Good)	35 (Good)	36 (Good)	35 (Good)	34 (Good)	36 (Good)
6	PELLING, West Sikkim	33 (Good)	39 (Good)	35 (Good)	33 (Good)	30 (Good)	37 (Good)	30 (Good)	30 (Good)	33 (Good)
7	MANGAN, North Sikkim	29 (Good)	42 (Good)	39 (Good)	31 (Good)	34 (Good)	31 (Good)	37 (Good)	39 (Good)	36 (Good)
8	CHUNGTHANG, North Sikkim	31 (Good)	29 (Good)	31 (Good)	35 (Good)	30 (Good)	31 (Good)	28 (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 evenon healthy people

**STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF
EIGHT STATIONS UNDER NAMP FOR THE MONTH OF APRIL 2025**

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)	PM _{2.5} (µg/m ³)	AQI
Rangpo	01-04-2025	5.48	11.98	58.03	14.15	58
	03-04-2025	3.96	13.04	88.76	21.17	89
	08-04-2025	4.99	9.54	83.00	22.87	83
	10-04-2025	6.58	14.64	57.42	21.46	57
	15-04-2025	6.23	14.06	67.78	23.12	68
	17-04-2025	6.45	10.88	61.27	26.94	61
	22-04-2025	4.66	7.98	73.40	20.82	73
	24-04-2025	5.13	9.39	79.42	22.17	79
	29-04-2025	4.99	9.21	68.2	24.55	68
Singtam	01-04-2025	4.61	10.81	64.69	19.03	65
	03-04-2025	5.11	12.28	67.05	22.5	67
	08-04-2025	4.07	10.53	70.06	24.83	70
	10-04-2025	4.05	11.95	62.34	21.33	62
	15-04-2025	5.29	11.70	65.58	22.97	66
	17-04-2025	4.74	11.91	66.50	25.23	67
	22-04-2025	4.80	12.46	69.10	22.78	69
	24-04-2025	5.05	11.94	65.22	21.95	65
	29-04-2025	4.98	12.32	75.29	25.45	75
Gangtok	01-04-2025	4.45	8.44	52.85	24.83	53
	03-04-2025	4.35	7.95	41.96	22.24	42
	08-04-2025	5.25	8.46	49.36	20.86	49
	10-04-2025	4.20	9.33	54.84	23.27	55
	15-04-2025	4.18	8.93	44.20	25.52	44
	17-04-2025	5.89	8.96	46.09	23.81	46
	22-04-2025	4.59	8.59	45.11	23.52	45
	24-04-2025	5.28	8.20	51.19	25.21	51
	29-04-2025	4.35	8.28	50.74	24.79	51
Ravangla	01-04-2025	4.41	5.11	32.98	12.53	33
	03-04-2025	5.97	5.02	33.15	13.26	33
	08-04-2025	5.76	5.79	34.15	13.59	34
	10-04-2025	5.16	5.33	32.97	12.73	33
	15-04-2025	5.08	5.29	33.06	13.13	33
	17-04-2025	5.08	5.42	31.91	11.82	32
	22-04-2025	4.75	4.64	31.80	11.80	32
	24-04-2025	5.40	5.33	31.93	11.89	32
	29-04-2025	4.74	5.28	32.14	12.00	32

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)	PM _{2.5} (µg/m ³)	AQI
Namchi	01-04-2025	4.49	6.31	34.17	14.13	34
	03-04-2025	3.82	6.10	35.08	17.90	35
	08-04-2025	5.16	7.53	36.04	17.60	36
	10-04-2025	3.83	6.18	34.9	12.47	35
	15-04-2025	3.27	5.42	35.36	13.74	35
	17-04-2025	4.04	6.11	36.03	16.81	36
	22-04-2025	3.82	6.68	34.99	12.90	35
	24-04-2025	4.49	7.15	33.93	14.18	34
	29-04-2025	3.92	6.81	35.82	15.40	36
Pelling	01-04-2025	3.90	4.95	32.63	12.70	33
	03-04-2025	3.46	5.52	39.00	13.30	39
	08-04-2025	4.46	5.74	35.27	11.20	35
	10-04-2025	3.76	5.11	32.87	8.00	33
	15-04-2025	4.20	5.22	29.60	11.40	30
	17-04-2025	5.24	6.44	36.63	9.70	37
	22-04-2025	4.94	5.62	29.53	10.40	30
	24-04-2025	4.05	5.63	30.40	7.60	30
	29-04-2025	5.14	5.48	33.17	13.50	33
Mangan	01-04-2025	3.92	5.9	29.01	8.36	29
	03-04-2025	3.69	6.04	42.01	12.6	42
	08-04-2025	3.53	6.27	39.01	10.27	39
	10-04-2025	3.8	5.98	30.82	8.37	31
	15-04-2025	3.28	6.2	33.67	4.7	34
	17-04-2025	4.02	6.3	30.73	8.99	31
	22-04-2025	3.55	6.32	36.58	8.99	37
	24-04-2025	4.05	6.25	38.93	8.54	39
	29-04-2025	3.81	6.06	35.47	7.03	35
Chungthang	01-04-2025	3.29	5.63	31.15	6.64	31
	03-04-2025	3.51	5.22	29.03	4.64	29
	08-04-2025	4.13	5.82	30.62	6.25	31
	10-04-2025	3.73	5.28	35.06	5.83	35
	15-04-2025	3.49	5.74	30.36	9.17	30
	17-04-2025	3.81	6.01	30.98	8.12	31
	22-04-2025	3.09	5.78	28.17	6.25	28
	24-04-2025	2.83	4.88	27.43	6.66	27
	29-04-2025	4.12	5.56	28.85	8.75	29
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)