

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

SN	LOCATION	AIR QUALITY INDEX									
	NAME OF STATION	01.07.2025	03.07.2025	08.07.2025	10.07.2025	15.07.2025	17.07.2025	22.07.2025	24.07.2025	29.07.2025	31.07.2025
1	RANGPO, East Sikkim	64 (Satisfactory)	59 (Satisfactory)	56 (Satisfactory)	66 (Satisfactory)	47 (Good)	70 (Satisfactory)	59 (Satisfactory)	69 (Satisfactory)	61 (Satisfactory)	61 (Satisfactory)
2	SINGTAM, East Sikkim	57 (Satisfactory)	55 (Satisfactory)	61 (Satisfactory)	60 (Satisfactory)	61 (Satisfactory)	55 (Satisfactory)	53 (Satisfactory)	59 (Satisfactory)	47 (Good)	57 (Satisfactory)
3	DEORALI, East Sikkim	39 (Good)	42 (Good)	28 (Good)	44 (Good)	36 (Good)	27 (Good)	20 (Good)	19 (Good)	21 (Good)	20 (Good)
4	RAVANGLA, South Sikkim	36 (Good)	36 (Good)	32 (Good)	35 (Good)	34 (Good)	31 (Good)	34 (Good)	32 (Good)	32 (Good)	35 (Good)
5	NAMCHI, South Sikkim	31 (Good)	29 (Good)	30 (Good)	30 (Good)	28 (Good)	31 (Good)	31 (Good)	27 (Good)	28 (Good)	23 (Good)
6	PELLING, West Sikkim	23 (Good)	18 (Good)	20 (Good)	18 (Good)	17 (Good)	17 (Good)	21 (Good)	23 (Good)	19 (Good)	18 (Good)
7	MANGAN, North Sikkim	40 (Good)	42 (Good)	42 (Good)	45 (Good)	45 (Good)	40 (Good)	43 (Good)	21 (Good)	19 (Good)	29 (Good)
8	CHUNGTHANG, North Sikkim	31 (Good)	33 (Good)	31 (Good)	32 (Good)	30 (Good)	32 (Good)	33 (Good)	30 (Good)	31 (Good)	32 (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 JULY 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	01.07.2025	7.32	12.57	64.09	19.22	64
	03.07.2025	7.68	11.67	59.29	15.46	59
	08.07.2025	6.26	12.64	55.98	11.25	56
	10..07.2025	7.05	9.35	66.42	21.64	66
	15.07.2025	5.8	8.12	46.61	10.44	47
	17.07.2025	6.88	8.17	69.61	11.23	70
	22.07.2025	6.19	9.51	59.14	15.37	59
	24.07.2025	6.00	9.75	69.2	15.09	69
	29.07.2025	5.35	6.78	61.23	12.87	61
	31.07.2025	4.32	6.01	61.22	13.84	61
Singtam	01.07.2025	6.64	12.94	57.2	17.5	57
	03.07.2025	5.49	12.66	55.38	18.88	55
	08.07.2025	6.92	14.58	60.52	20.22	61
	10..07.2025	6.38	12.86	59.54	17.91	60
	15.07.2025	6.57	14.05	61.47	19.13	61
	17.07.2025	5.3	12.05	55.33	15.36	55
	22.07.2025	6.15	12.88	52.62	18.12	53
	24.07.2025	6.57	13.03	58.82	19.02	59
	29.07.2025	5.73	11.36	46.82	17.92	47
	31.07.2025	6.98	12.6	57.43	19.71	57
Gangtok	01.07.2025	4.25	8.97	39.37	19.25	39
	03.07.2025	3.53	7.7	41.93	15.83	42
	08.07.2025	3.26	7.85	27.7	15.16	28
	10..07.2025	3.35	9.36	44.16	14.71	44
	15.07.2025	2.91	7.95	35.76	19.15	36
	17.07.2025	3.19	7.71	27.24	14.97	27
	22.07.2025	3.16	6.65	20.11	10.43	20
	24.07.2025	3.37	7.94	19.04	10.52	19
	29.07.2025	3.82	8.42	21.21	12.08	21
	31.07.2025	3.87	7.79	20.4	10.00	20
Ravangla	01.07.2025	5.87	5.58	35.85	12.3	36
	03.07.2025	6.24	5.97	36.48	12.39	36
	08.07.2025	5.12	5.27	31.93	11.76	32
	10..07.2025	4.58	5.98	34.69	13.72	35
	15.07.2025	5.45	6.36	33.56	13.11	34
	17.07.2025	5.34	6.09	31.38	12.05	31
	22.07.2025	5.3	6.36	33.93	13.32	34
	24.07.2025	5.77	5.64	32.07	11.48	32
	29.07.2025	5.3	5.63	32.36	12.43	32
	31.07.2025	4.88	5.29	34.95	13.29	35

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	01.07.2025	5.51	6.62	31.23	12.13	31
	03.07.2025	4.29	5.88	29.35	12.81	29
	08.07.2025	3.67	6.66	30.46	13.75	30
	10..07.2025	3.69	6.27	29.83	12.03	30
	15.07.2025	4.0	6.23	28.26	11.63	28
	17.07.2025	4.02	6.59	30.7	12.92	31
	22.07.2025	3.96	6.73	30.64	11.61	31
	24.07.2025	4.29	6.83	27.0	10.41	27
	29.07.2025	3.99	6.39	27.91	8.71	28
	31.07.2025	3.42	6.18	22.95	8.73	23
Pelling	01.07.2025	3.72	6.15	23.13	9.30	23
	03.07.2025	2.62	7.21	18.37	7.90	18
	08.07.2025	3.72	6.58	19.9	8.20	20
	10..07.2025	3.33	9.42	18.03	7.20	18
	15.07.2025	3.59	5.84	16.97	9.20	17
	17.07.2025	4.37	6.04	17.33	8.50	17
	22.07.2025	4.82	6.79	20.8	9.10	21
	24.07.2025	5.86	6.15	23.0	11.9	23
	29.07.2025	4.56	6.47	19.17	8.10	19
	31.07.2025	5.10	5.94	18.3	9.00	18
Mangan	01.07.2025	4.36	5.75	40.09	11.51	40
	03.07.2025	4.54	6.08	41.74	9.92	42
	08.07.2025	4.04	5.35	42.34	8.40	42
	10..07.2025	4.21	5.85	44.81	8.79	45
	15.07.2025	4.38	5.51	44.63	9.64	45
	17.07.2025	4.37	5.69	39.58	8.32	40
	22.07.2025	4.24	5.51	43.48	9.12	43
	24.07.2025	3.66	5.20	21.28	4.35	21
	29.07.2025	3.71	5.26	18.59	4.17	19
	31.07.2025	3.53	5.07	29.22	4.17	29
Chungthang	01.07.2025	4.58	5.72	30.97	9.55	31
	03.07.2025	3.81	4.75	33.01	7.81	33
	08.07.2025	4.70	4.78	30.73	7.37	31
	10..07.2025	4.59	5.18	31.71	7.37	32
	15.07.2025	3.70	5.30	29.62	5.20	30
	17.07.2025	4.14	5.32	31.54	6.07	32
	22.07.2025	3.68	5.14	32.69	7.37	33
	24.07.2025	4.35	4.73	29.64	5.64	30
	29.07.2025	3.63	4.76	30.74	6.94	31
	31.07.2025	4.20	4.77	32.25	7.81	32
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)