

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

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	02.09.2025	04.09.2025	09.09.2025	11.09.2025	16.09.2025	18.09.2025	20.09.2025	23.09.2025	25.09.2025
1	RANGPO, East Sikkim	57 (Satisfactory)	62 (Satisfactory)	65 (Satisfactory)	65 (Satisfactory)	70 (Satisfactory)	70 (Satisfactory)	67 (Satisfactory)	60 (Satisfactory)	67 (Satisfactory)
2	SINGTAM, East Sikkim	64 (Satisfactory)	60 (Satisfactory)	65 (Satisfactory)	66 (Satisfactory)	61 (Satisfactory)	64 (Satisfactory)	61 (Satisfactory)	62 (Satisfactory)	56 (Satisfactory)
3	DEORALI, East Sikkim	27 (Good)	24 (Good)	36 (Good)	22 (Good)	21 (Good)	27 (Good)	28 (Good)	31 (Good)	23 (Good)
4	RAVANGLA, South Sikkim	31 (Good)	27 (Good)	31 (Good)	27 (Good)	30 (Good)	32 (Good)	29 (Good)	30 (Good)	31 (Good)
5	NAMCHI, South Sikkim	27 (Good)	28 (Good)	25 (Good)	25 (Good)	27 (Good)	28 (Good)	26 (Good)	28 (Good)	30 (Good)
6	PELLING, West Sikkim	30 (Good)	27 (Good)	28 (Good)	24 (Good)	25 (Good)	24 (Good)	21 (Good)	30 (Good)	32 (Good)
7	MANGAN, North Sikkim	26 (Good)	33 (Good)	33 (Good)	32 (Good)	27 (Good)	25 (Good)	25 (Good)	27 (Good)	29 (Good)
8	CHUNGTHANG, North Sikkim	32 (Good)	31 (Good)	29 (Good)	29 (Good)	29 (Good)	31 (Good)	32 (Good)	31 (Good)	31 (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 SEPTEMBER 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	02-09-2025	3.69	9.29	57.13	20.76	57
	04-09-2025	5.25	7.06	61.79	16.62	62
	09-09-2025	4.48	9.82	64.89	17.99	65
	11-09-2025	4.63	8.77	65.28	20.94	65
	16-09-2025	4.81	11.16	70.22	14.03	70
	18-09-2025	5.17	12.31	70.1	16.45	70
	20-09-2025	4.33	9.74	67.41	18.93	67
	23-09-2025	3.29	11.78	60.12	18.71	60
	25-09-2025	5.13	12.74	67.37	14.74	67
Singtam	02-09-2025	5.03	14.01	63.57	18.28	64
	04-09-2025	5.67	12.11	60.08	16.13	60
	09-09-2025	5.57	13.16	64.69	18.19	65
	11-09-2025	5.29	12.56	65.82	19.46	66
	16-09-2025	5.21	13.81	61.25	19.58	61
	18-09-2025	4.69	12.86	63.98	17.98	64
	20-09-2025	5.12	13.31	61.48	17.78	61
	23-09-2025	5.99	13.03	62.45	15.38	62
	25-09-2025	5.31	12.03	56.28	16.00	56
Gangtok	02-09-2025	4.39	6.56	27.29	14.61	27
	04-09-2025	3.21	7.20	23.84	13.33	24
	09-09-2025	4.21	7.98	35.83	17.53	36
	11-09-2025	3.8	7.62	22.01	12.91	22
	16-09-2025	3.57	7.13	21.1	10.01	21
	18-09-2025	3.34	7.2	26.51	14.18	27
	20-09-2025	3.69	8.45	27.98	14.58	28
	23-09-2025	5.19	9.46	31.25	18.54	31
	25-09-2025	4.83	6.14	22.88	9.60	23
Ravangla	02-09-2025	4.75	6.61	31.35	12.81	31
	04-09-2025	3.88	6.28	26.78	9.37	27
	09-09-2025	5.51	6.48	31.29	12.43	31
	11-09-2025	5.07	6.3	27.46	10.99	27
	16-09-2025	4.52	5.42	30.08	11.11	30
	18-09-2025	5.08	5.65	32.08	12.88	32
	20-09-2025	4.72	5.53	28.99	10.82	29
	23-09-2025	5.01	5.81	30.24	11.52	30
	25-09-2025	3.91	5.66	30.98	11.17	31
Namchi	02-09-2025	3.82	6.7	26.84	12.88	27
	04-09-2025	3.71	6.31	27.76	12.07	28
	09-09-2025	4.26	6.25	24.59	13.41	25
	11-09-2025	3.94	6.65	24.88	12.05	25

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
	16-09-2025	4.27	7.05	27.31	12.92	27
	18-09-2025	4.26	7.00	27.79	13.34	28
	20-09-2025	4.6	6.96	26.42	13.32	26
	23-09-2025	5.06	7.25	28.12	12.51	28
	25-09-2025	4.5	7.22	29.71	13.3	30
Pelling	02-09-2025	5.3	6.8	30.4	8.20	30
	04-09-2025	6.25	6.8	27.43	8.50	27
	09-09-2025	7.01	6.58	28.4	7.60	28
	11-09-2025	4.31	6.32	24.13	12.20	24
	16-09-2025	4.69	6.67	25.43	11.10	25
	18-09-2025	5.26	7.16	24.4	10.10	24
	20-09-2025	5.07	6.34	20.8	8.10	21
	23-09-2025	6.06	7.28	29.53	9.3	30
	25-09-2025	5.68	7.26	32.00	13.6	32
Mangan	02-09-2025	3.74	5.07	26.49	9.15	26
	04-09-2025	4.21	5.67	32.92	13.8	33
	09-09-2025	4.08	5.51	31.99	9.08	33
	11-09-2025	3.99	5.17	31.68	12.85	32
	16-09-2025	3.43	5.12	27.29	12.51	27
	18-09-2025	3.59	5.19	25.3	9.01	25
	20-09-2025	3.61	5.04	25.18	9.59	25
	23-09-2025	4.08	5.62	27.03	10.9	27
	25-09-2025	4.09	5.37	29.28	8.79	29
Chungthang	02-09-2025	4.31	4.98	32.04	8.76	32
	04-09-2025	4.38	4.98	31.15	7.21	31
	09-09-2025	3.4	4.8	28.71	6.38	29
	11-09-2025	3.35	4.78	29.16	6.36	29
	16-09-2025	4.31	5.13	29.13	5.51	29
	18-09-2025	4.31	5.16	31.13	7.63	31
	20-09-2025	4.31	5.02	31.77	5.94	32
	23-09-2025	4.58	5.5	31.42	5.09	31
	25-09-2025	4.58	5.51	30.85	5.1	31
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)