

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

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	07.10.2025	09.10.2025	14.10.2025	16.10.2025	24.10.2025	27.10.2025	29.10.2025	31.10.2025
1	RANGPO, East Sikkim	65 (Satisfactory)	66 (Satisfactory)	67 (Satisfactory)	52 (Satisfactory)	62 (Satisfactory)	65 (Satisfactory)	63 (Satisfactory)	52 (Satisfactory)
2	SINGTAM, East Sikkim	63 (Satisfactory)	56 (Satisfactory)	57 (Satisfactory)	57 (Satisfactory)	62 (Satisfactory)	59 (Satisfactory)	55 (Satisfactory)	51 (Satisfactory)
3	DEORALI, East Sikkim	46 (Good)	52 (Satisfactory)	50 (Good)	43 (Good)	42 (Good)	52 (Satisfactory)	34 (Good)	23 (Good)
4	RAVANGLA, South Sikkim	29 (Good)	30 (Good)	28 (Good)	28 (Good)	28 (Good)	30 (Good)	29 (Good)	31 (Good)
5	NAMCHI, South Sikkim	31 (Good)	30 (Good)	31 (Good)	32 (Good)	33 (Good)	32 (Good)	29 (Good)	28 (Good)
6	PELLING, West Sikkim	27 (Good)	28 (Good)	21 (Good)	27 (Good)	26 (Good)	31 (Good)	31 (Good)	28 (Good)
7	MANGAN, North Sikkim	32 (Good)	30 (Good)	30 (Good)	35 (Good)	24 (Good)	21 (Good)	23 (Good)	20 (Good)
8	CHUNGTHANG, North Sikkim	32 (Good)	32 (Good)	31 (Good)	31 (Good)	32 (Good)	28 (Good)	28 (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 OCTOBER 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	07-10-2025	5.5	12.39	65.28	22.48	65
	09-10-2025	5.93	13.19	65.58	15.72	66
	14-10-2025	4.00	13.93	67.22	14.98	67
	16-10-2025	6.6	13.37	51.81	18.02	52
	24-10-2025	4.89	14.04	62.11	18.32	62
	27-10-2025	6.61	14.01	64.8	18.89	65
	29-10-2025	6.01	14.87	62.9	16.45	63
	31-10-2025	5.5	16.89	51.81	13.38	52
Singtam	07-10-2025	5.59	10.56	62.95	16.43	63
	09-10-2025	5.95	11.62	55.66	17.97	56
	14-10-2025	6.49	10.8	56.91	18.52	57
	16-10-2025	5.31	11.53	57.32	16.08	57
	24-10-2025	6.15	12.9	61.98	22.42	62
	27-10-2025	5.3	11.51	59.37	17.23	59
	29-10-2025	5.73	8.51	54.71	16.67	55
	31-10-2025	4.81	9.95	50.5	13.12	51
Gangtok	07-10-2025	3.91	8.76	46.2	18.35	46
	09-10-2025	5.19	7.63	52.25	26.71	52
	14-10-2025	6.1	9.58	50.3	22.33	50
	16-10-2025	4.6	10.7	42.85	16.43	43
	24-10-2025	5.62	8.26	41.78	20.86	42
	27-10-2025	5.89	8.73	51.64	25.15	52
	29-10-2025	5.62	8.69	34.47	15.86	34
	31-10-2025	4.87	10.9	23.12	10.5	23
Ravangla	07-10-2025	4.78	6.06	29.19	9.62	29
	09-10-2025	5.44	5.04	30.48	9.62	30
	14-10-2025	3.51	5.49	28.1	9.58	28
	16-10-2025	4.43	5.05	28.37	10.58	28
	24-10-2025	3.99	5.44	28.1	10.28	28
	27-10-2025	4.58	5.39	30.17	11.93	30
	29-10-2025	4.24	5.81	29.09	10.09	29
	31-10-2025	4.55	5.81	30.56	11.36	31
Namchi	07-10-2025	5.48	6.95	30.59	14.44	31
	09-10-2025	4.7	6.78	30.02	10.42	30
	14-10-2025	4.2	6.13	31.17	14.03	31
	16-10-2025	5.22	5.78	32.06	16.92	32
	24-10-2025	5.23	6.79	33.22	14.54	33
	27-10-2025	4.27	5.66	31.67	13.62	32
	29-10-2025	4.69	5.59	28.94	11.67	29
	31-10-2025	4.25	5.88	27.92	10.37	28

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
Pelling	07-10-2025	4.31	7.26	27.17	8.3	27
	09-10-2025	4.31	5.25	28.13	11.6	28
	14-10-2025	4.36	6.34	20.8	10.2	21
	16-10-2025	5.68	5.61	27	10.4	27
	24-10-2025	5.49	5.85	25.8	11.2	26
	27-10-2025	4.31	6.32	30.8	10	31
	29-10-2025	5.68	6.19	30.67	11.2	31
	31-10-2025	5.68	7.64	27.97	11.6	28
Mangan	07-10-2025	3.91	4.87	32.27	8.35	32
	09-10-2025	4.34	5.18	29.81	8.35	30
	14-10-2025	4.35	5.28	29.86	11.3	30
	16-10-2025	3.73	5.33	35.36	8.32	35
	24-10-2025	4.14	5.37	23.8	8.32	24
	27-10-2025	3.08	4.99	20.6	4.95	21
	29-10-2025	3.52	4.82	23.46	4.47	23
	31-10-2025	2.89	4.86	20.47	4.3	20
Chungthang	07-10-2025	4.58	5.5	31.88	9.34	32
	09-10-2025	4.52	5.59	32.46	9.76	32
	14-10-2025	4.31	5.54	30.57	8.92	31
	16-10-2025	4.5	5.99	30.58	7.64	31
	24-10-2025	6.1	6.56	32.32	9.7	32
	27-10-2025	4.31	5.19	28.23	6.36	28
	29-10-2025	4.04	5.04	28.49	5.9	28
	31-10-2025	4.55	5.47	29.31	6.73	29
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)