

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

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	05.08.2025	07.08.2025	12.08.2025	14.08.2025	19.08.2025	22.08.2025	27.08.2025	29.08.2025
1	RANGPO, East Sikkim	56 (Satisfactory)	54 (Satisfactory)	58 (Satisfactory)	61 (Satisfactory)	60 (Satisfactory)	83 (Satisfactory)	65 (Satisfactory)	73 (Satisfactory)
2	SINGTAM, East Sikkim	58 (Satisfactory)	55 (Satisfactory)	56 (Satisfactory)	58 (Satisfactory)	51 (Satisfactory)	60 (Satisfactory)	57 (Satisfactory)	55 (Satisfactory)
3	DEORALI, East Sikkim	30 (Good)	28 (Good)	21 (Good)	22 (Good)	33 (Good)	30 (Good)	26 (Good)	24 (Good)
4	RAVANGLA, South Sikkim	33 (Good)	34 (Good)	32 (Good)	35 (Good)	34 (Good)	32 (Good)	34 (Good)	32 (Good)
5	NAMCHI, South Sikkim	31 (Good)	31 (Good)	33 (Good)	30 (Good)	34 (Good)	31 (Good)	32 (Good)	30 (Good)
6	PELLING, West Sikkim	19 (Good)	16 (Good)	20 (Good)	16 (Good)	19 (Good)	18 (Good)	17 (Good)	17 (Good)
7	MANGAN, North Sikkim	31 (Good)	29 (Good)	33 (Good)	40 (Good)	38 (Good)	34 (Good)	29 (Good)	28 (Good)
8	CHUNGTHANG, North Sikkim	31 (Good)	31 (Good)	30 (Good)	31 (Good)	32 (Good)	31 (Good)	30 (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 even on healthy people

STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP FOR THE MONTH OF AUGUST 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	05-08-2025	3	14.1	56.14	13.84	56
	07-08-2025	3.60	12.55	54.28	15.82	54
	12-08-2025	4.14	15.17	57.66	11.79	58
	14-08-2025	3.58	12.37	60.85	10.95	61
	19-08-2025	4.53	14.11	60.08	NA	60
	22-08-2025	3.54	12.12	83.34	18.68	83
	27-08-2025	3.94	12.98	64.64	11.21	65
	29-08-2025	3.71	15.77	73.01	15.99	73
Singtam	05-08-2025	6.86	9.5	58.31	19.58	58
	07-08-2025	5.7	10.82	54.52	15.48	55
	12-08-2025	5.88	10.21	56.18	22.5	56
	14-08-2025	6.32	10.52	57.55	18.96	58
	19-08-2025	6.37	10.35	51.19	17.08	51
	22-08-2025	6.12	10.06	59.76	24.16	60
	27-08-2025	5.56	11.14	57.07	21.37	57
	29-08-2025	5.39	11.75	55.36	20.55	55
Gangtok	05-08-2025	3.76	6.93	29.59	14.19	30
	07-08-2025	4.01	7.40	27.7	15.16	28
	12-08-2025	3.46	9.23	20.99	10.04	21
	14-08-2025	3.79	8.15	22.19	16.52	22
	19-08-2025	3.01	8.39	32.93	17.68	33
	22-08-2025	3.52	8.34	29.84	13.07	30
	27-08-2025	4.30	9.37	26.18	10.42	26
	29-08-2025	4.56	8.95	24.05	17.50	24
Ravangla	05-08-2025	5.73	5.51	32.81	12.24	33
	07-08-2025	5.91	5.15	33.97	11.25	34
	12-08-2025	5.3	6.42	32.49	12.81	32
	14-08-2025	4.34	5.96	35.36	13.25	35
	19-08-2025	5.84	5.74	33.91	13.39	34
	22-08-2025	5.29	5.65	31.94	12.50	32
	27-08-2025	5.42	5.73	34.18	12.81	34
	29-08-2025	5.15	6.39	31.59	12.81	32
Namchi	05-08-2025	3.61	5.19	31.20	12.50	31
	07-08-2025	4.45	6.52	30.59	13.31	31
	12-08-2025	4.67	6.66	32.55	12.56	33
	14-08-2025	4.24	6.51	30.30	13.31	30
	19-08-2025	4.67	6.46	34.20	12.51	34
	22-08-2025	4.01	6.96	31.03	12.49	31
	27-08-2025	4.87	6.83	32.21	11.28	32
	29-08-2025	4.23	7.12	29.63	12.06	30

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	05-08-2025	4.82	6.04	18.87	9.00	19
	07-08-2025	4.30	5.52	15.8	8.10	16
	12-08-2025	4.82	5.95	19.57	7.80	20
	14-08-2025	5.47	6.79	16.10	7.60	16
	19-08-2025	4.95	5.73	18.57	11.30	19
	22-08-2025	5.47	6.04	18.43	9.20	18
	27-08-2025	5.08	5.52	17.33	NA	17
	29-08-2025	5.73	5.11	17.10	NA	17
Mangan	05-08-2025	4.24	5.93	31.18	NA	31
	07-08-2025	4.11	5.45	28.89	NA	29
	12-08-2025	4.42	6.07	32.95	NA	33
	14-08-2025	4.38	6.25	40.23	NA	40
	19-08-2025	4.53	5.96	37.94	NA	38
	22-08-2025	4.42	5.97	34.33	NA	34
	27-08-2025	3.50	5.23	28.76	NA	29
	29-08-2025	3.79	5.30	28.14	NA	28
Chungthang	05-08-2025	4.58	5.23	31.29	8.33	31
	07-08-2025	4.70	4.93	31.20	6.39	31
	12-08-2025	4.07	4.96	29.98	8.13	30
	14-08-2025	3.71	5.18	31.12	5.98	31
	19-08-2025	4.58	4.69	31.57	7.51	32
	22-08-2025	4.27	4.76	31.22	7.67	31
	27-08-2025	3.75	4.77	29.99	6.00	30
	29-08-2025	4.07	5.01	31.79	7.11	32
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)