

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

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	01.05.2025	06.05.2025	08.05.2025	14.05.2025	17.05.2025	20.05.2025	22.05.2025	27.05.2025	29.05.2025
1	RANGPO, East Sikkim	75 (Satisfactory)	79 (Satisfactory)	85 (Satisfactory)	54 (Satisfactory)	60 (Satisfactory)	67 (Satisfactory)	72 (Satisfactory)	78 (Satisfactory)	62 (Satisfactory)
2	SINGTAM, East Sikkim	66 (Satisfactory)	68 (Satisfactory)	65 (Satisfactory)	62 (Satisfactory)	60 (Satisfactory)	65 (Satisfactory)	63 (Satisfactory)	61 (Satisfactory)	75 (Satisfactory)
3	DEORALI, East Sikkim	49 (Good)	53 (Satisfactory)	45 (Good)	40 (Good)	50 (Good)	35 (Good)	36 (Good)	37 (Good)	25 (Good)
4	RAVANGLA, South Sikkim	35 (Good)	34 (Good)	34 (Good)	32 (Good)	33 (Good)	34 (Good)	35 (Good)	32 (Good)	32 (Good)
5	NAMCHI, South Sikkim	34 (Good)	38 (Good)	39 (Good)	35 (Good)	33 (Good)	40 (Good)	34 (Good)	37 (Good)	34 (Good)
6	PELLING, West Sikkim	33 (Good)	36 (Good)	29 (Good)	26 (Good)	26 (Good)	23 (Good)	24 (Good)	22 (Good)	21 (Good)
7	MANGAN, North Sikkim	30 (Good)	29 (Good)	31 (Good)	28 (Good)	30 (Good)	30 (Good)	33 (Good)	33 (Good)	31 (Good)
8	CHUNGTHANG, North Sikkim	34 (Good)	32 (Good)	33 (Good)	30 (Good)	32 (Good)	31 (Good)	33 (Good)	34 (Good)	33 (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 MAY 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	01-05-2025	6.18	15.44	75.48	27.28	75
	06-05-2025	6.6	13.81	79.31	21.52	79
	08-05-2025	5.43	16.84	84.84	21.55	85
	14-05-2025	5.32	12.17	54.14	21.61	54
	17-05-2025	5.15	16.75	60.27	28.13	60
	20-05-2025	7.63	18.39	67.22	14.53	67
	22-05-2025	6.87	19.19	72.15	24.41	72
	27-05-2025	5.64	12.75	77.77	30.24	78
	29-05-2025	6.23	11.55	62.41	15.22	62
Singtam	01-05-2025	7.15	13.95	65.61	23.73	66
	06-05-2025	5.95	13.42	67.74	18.98	68
	08-05-2025	6.89	12.86	64.73	20.28	65
	14-05-2025	5.63	10.95	62.19	22.87	62
	17-05-2025	6.7	11.41	59.53	21.54	60
	20-05-2025	6.31	12.8	64.51	24.4	65
	22-05-2025	7.26	11.3	63.46	22.97	63
	27-05-2025	7.18	12.4	60.84	23.3	61
	29-04-2025	4.98	12.32	75.29	25.45	75
Deorali	01-05-2025	3.05	6.15	49.39	17.44	49
	06-05-2025	2.92	9.43	53.03	20.28	53
	08-05-2025	4.73	9.24	45.40	17.83	45
	14-05-2025	4.55	7.73	40.31	21.32	40
	17-05-2025	5.34	8.15	49.81	20.42	50
	20-05-2025	4.33	7.62	35.1	17.47	35
	22-05-2025	4.26	7.68	36.48	18.85	36
	27-05-2025	4.34	7.33	36.65	17.98	37
	29-05-2025	2.71	8.08	25.44	11.47	25
Ravangla	01-05-2025	4.98	5.94	34.77	14.18	35
	06-05-2025	5.12	6.14	33.72	13.37	34
	08-05-2025	4.36	6.18	33.62	13.11	34
	14-05-2025	5.73	5.26	32.49	12.46	32
	17-05-2025	5.14	5.88	32.75	12.52	33
	20-05-2025	5.73	5.3	33.55	13.29	34
	22-05-2025	5.23	5.91	34.69	13.73	35
	27-05-2025	4.36	5.26	31.52	12.03	32
	29-05-2025	4.37	5.41	32.31	12.46	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	01-05-2025	4.48	6.6	33.62	14.96	34
	06-05-2025	4.38	7.01	38.34	17.9	38
	08-05-2025	5.07	7.36	38.78	15.51	39
	14-05-2025	4.27	6.49	35.43	14.96	35
	17-05-2025	3.94	5.61	33.03	12.07	33
	20-05-2025	3.93	6.4	40.24	17.38	40
	22-05-2025	4.61	6.07	34.20	13.32	34
	27-05-2025	4.49	7.05	37.02	15.01	37
	29-05-2025	3.82	6.73	34.34	15.4	34
Pelling	01-05-2025	3.31	1.65	33.47	9.1	33
	06-05-2025	4.59	2.19	36.27	10	36
	08-05-2025	3.55	1.81	29.30	10.8	29
	14-05-2025	4.66	2.41	25.97	9.4	26
	17-05-2025	4.66	1.81	25.67	11.5	26
	20-05-2025	4.66	2.19	22.73	10.3	23
	22-05-2025	4.53	2.89	24.27	9.5	24
	27-05-2025	4.66	2.16	21.90	8.3	22
	29-05-2025	3.92	2.29	21.20	9.6	21
Mangan	01-05-2025	4.00	6.11	30.38	12.49	30
	06-05-2025	4.26	6.38	28.71	8.43	29
	08-05-2025	4.24	6.52	30.50	8.63	31
	14-05-2025	3.8	5.79	28.16	4.16	28
	17-05-2025	3.56	5.62	29.90	6.58	30
	20-05-2025	3.52	5.66	30.03	9.02	30
	22-05-2025	4.08	6.07	32.95	8.7	33
	27-05-2025	4.3	6.66	33.01	8.72	33
	29-05-2025	4.25	6.02	31.34	5.4	31
Chungthang	01-05-2025	3.29	5.23	33.98	6.64	34
	06-05-2025	3.96	5.3	32.14	4.64	32
	08-05-2025	3.93	5.9	33.05	6.25	33
	14-05-2025	4.12	5.23	30.22	5.83	30
	17-05-2025	3.15	4.74	32.08	6.66	32
	20-05-2025	4.36	5.76	31.42	6.24	31
	22-05-2025	2.9	5.38	32.74	9.16	33
	27-05-2025	5.99	6.43	33.58	5.41	34
	29-05-2025	6.51	6.32	33.19	5.41	33
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

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