

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE MONTH OF JULY 2024

SN	LOCATION	AIR QUALITY INDEX								
	NAME OF STATION	02.07.2024	04.07.2024	09.07.2024	11.07.2024	16.07.2024	18.07.2024	23.07.2024	25.07.2024	30.07.2024
1	RANGPO, East Sikkim	51 (Satisfactory)	47 (Good)	51 (Satisfactory)	50 (Good)	50 (Good)	48 (Good)	55 (Satisfactory)	53 (Satisfactory)	53 (Satisfactory)
2	SINGTAM, East Sikkim	53 (Satisfactory)	47 (Good)	46 (Good)	47 (Good)	50 (Good)	52 (Satisfactory)	44 (Good)	53 (Satisfactory)	50 (Good)
3	DEORALI, East Sikkim	39 (Good)	19 (Good)	21 (Good)	28 (Good)	12 (Good)	24 (Good)	27 (Good)	17 (Good)	26 (Good)
4	RAVANGLA, South Sikkim	36 (Good)	30 (Good)	29 (Good)	31 (Good)	31 (Good)	32 (Good)	30 (Good)	29 (Good)	31 (Good)
5	NAMCHI, South Sikkim	28 (Good)	29 (Good)	32 (Good)	26 (Good)	27 (Good)	25 (Good)	27 (Good)	27 (Good)	24 (Good)
6	PELLING, West Sikkim	12 (Good)	14 (Good)	12 (Good)	13 (Good)	11 (Good)	12 (Good)	14 (Good)	15 (Good)	12 (Good)
7	MANGAN, North Sikkim	25 (Good)	17 (Good)	32 (Good)	29 (Good)	30 (Good)	23 (Good)	19 (Good)	30 (Good)	30 (Good)
8	CHUNGTHANG, North Sikkim	20 (Good)	21 (Good)	21 (Good)	20 (Good)	20 (Good)	22 (Good)	22 (Good)	23 (Good)	26 (Good)

Good(0-50)	Minimal Impact	Poor (201-300)	Breathing discomfort to people on prolonged exposure	
Satisfactory(51-100)		Very Poor(301-400)		Respiratory illness to the people on prolonged exposure
Moderate(101-200)		Severe(>401)		
	Minor breathing discomfort to sensitive people			
	Breathing discomfort to the people with lung, heart disease, children and older adults			

STATE POLLUTION CONTROL BOARD, SIKKIM AMBIENT AIR QUALITY DATA OF EIGHT STATIONS UNDER NAMP FOR THE MONTH OF JULY 2024

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	02.07.2024	4.79	18	51.15	31.84	51
	04.07.2024	4.79	12.2	46.64	18.3	47
	09.07.2024	3.64	15.15	50.87	14.17	51
	11.07.2024	4.67	15.62	49.61	24.13	50
	16.07.2024	3.77	13.97	49.79	17.58	50
	18.07.2024	3.75	10.03	48.34	21.24	48
	23.07.2024	5.14	15.81	55.26	26.46	55
	25.07.2024	4.18	17.28	53.36	18.04	53
	30.07.2024	3.84	12.19	52.61	24.28	53
SINGTAM	02.07.2024	4.05	9.21	52.8	18.19	53
	04.07.2024	4.60	8.94	47.48	16.08	47
	09.07.2024	3.65	7.93	45.58	19.56	46
	11.07.2024	4.46	9.99	46.71	21.76	47
	16.07.2024	5.93	10.82	50.06	20.41	50
	18.07.2024	6.34	11.68	51.81	17.85	52
	23.07.2024	5.23	9.8	43.69	14.4	44
	25.07.2024	5.09	10.39	52.95	16.24	53
	30.07.2024	6.41	11.11	49.97	15.76	50
GANGTOK	02.07.2024	6.10	10.35	38.58	14.56	39
	04.07.2024	3.60	6.75	18.7	9.24	19
	09.07.2024	5.75	8.16	20.92	10.83	21
	11.07.2024	4.30	9.34	27.96	11.49	28
	16.07.2024	3.44	8.53	11.87	5.9	12
	18.07.2024	4.75	7.32	23.7	11.88	24
	23.07.2024	4.32	6.27	26.85	12.89	27
	25.07.2024	5.84	9.52	17.2	7.9	17
	30.07.2024	5.91	13.36	26.11	9.56	26
RAVANGLA	02.07.2024	5.18	6.69	36.42	14.15	36
	04.07.2024	3.46	6.74	29.67	12.01	30
	09.07.2024	4.89	6.26	29.45	11.13	29
	11.07.2024	5.84	5.33	30.56	13.18	31
	16.07.2024	5.32	5.4	30.63	13.41	31
	18.07.2024	6.00	5.68	31.76	13.99	32
	23.07.2024	5.30	5.4	29.83	13.5	30
	25.07.2024	4.45	5.46	29.32	12.93	29
	30.07.2024	5.87	5.17	30.98	13.32	31

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	02.07.2024	2.69	5.2	27.59	13.71	28
	04.07.2024	3.14	5.63	29.35	11.24	29
	09.07.2024	4.23	6.67	32.15	17.6	32
	11.07.2024	3.83	5.42	26.17	12.47	26
	16.07.2024	3.27	5.42	26.68	11.24	27
	18.07.2024	4.04	6.11	25.12	10.73	25
	23.07.2024	3.82	6.68	27.28	12.9	27
	25.07.2024	4.49	6.39	26.82	12.51	27
	30.07.2024	4.26	6.81	23.98	11.66	24
PELLING	02.07.2024	4.64	6.59	11.8	4.63	12
	04.07.2024	5.28	5.99	14.2	6.04	14
	09.07.2024	5.33	6.41	12	5.44	12
	11.07.2024	5.06	6.06	13.17	5.41	13
	16.07.2024	5.11	6.5	11.03	5.32	11
	18.07.2024	3.86	5.3	11.6	3.85	12
	23.07.2024	5.05	6.06	13.9	3.7	14
	25.07.2024	4.78	6.92	15.27	6.67	15
	30.07.2024	3.22	5.63	11.8	4.59	12
MANGAN	02.07.2024	2.46	5.35	25.47	4.21	25
	04.07.2024	2.38	5.6	17.3	8.6	17
	09.07.2024	3.1	5.53	32.06	4.09	32
	11.07.2024	2.74	5.64	28.52	4.18	29
	16.07.2024	3.3	6.13	30.48	9.96	30
	18.07.2024	3.11	5.77	22.59	4.32	23
	23.07.2024	2.75	5.52	18.87	11.03	19
	25.07.2024	3.61	6.16	30.07	4.34	30
	30.07.2024	3.08	5.75	29.82	4.21	30
CHUNGTHANG	02.07.2024	4.48	5.25	20.44	9.37	20
	04.07.2024	4.13	5.53	20.7	9.24	21
	09.07.2024	4.77	5.59	20.58	9.82	21
	11.07.2024	5.16	5.51	20.34	9.17	20
	16.07.2024	4.42	5.46	20.16	9.35	20
	18.07.2024	3.26	4.96	22.24	8.33	22
	23.07.2024	3.79	5.8	21.71	5.08	22
	25.07.2024	4.27	5.31	22.93	9.18	23
	30.07.2024	4.73	5.42	25.6	8.44	26
National Ambient Air Quality Standard (NAAQS-24hrs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)