

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

S N	LOCATION	AIR QUALITY INDEX										
	NAME OF STATION	01.10.2024	03.10.2024	07.10.2024	09.10.2024	17.10.2024	19.10.2024	21.10.2024	23.10.2024	25.10.2024	29.10.2024	31.10.2024
1	RANGPO, East Sikkim	48 (Good)	44 (Good)	58 (Satisfactory)	49 (Good)	-	54 (Satisfactory)	51 (Satisfactory)	49 (Good)	47 (Good)	55 (Satisfactory)	51 (Satisfactory)
2	SINGTAM, East Sikkim	53 (Satisfactory)	50 (Good)	49 (Good)	55 (Satisfactory)	-	51 (Satisfactory)	55 (Satisfactory)	54 (Satisfactory)	52 (Satisfactory)	57 (Satisfactory)	57 (Satisfactory)
3	DEORALI, East Sikkim	32 (Good)	30 (Good)	33 (Good)	24 (Good)	-	35 (Good)	37 (Good)	34 (Good)	30 (Good)	41 (Good)	36 (Good)
4	RAVANGLA, South Sikkim	31 (Good)	31 (Good)	31 (Good)	34 (Good)	-	32 (Good)	29 (Good)	33 (Good)	33 (Good)	30 (Good)	33 (Good)
5	NAMCHI, South Sikkim	28 (Good)	32 (Good)	31 (Good)	32 (Good)	-	32 (Good)	34 (Good)	31 (Good)	31 (Good)	34 (Good)	34 (Good)
6	PELLING, West Sikkim	-	20 (Good)	20 (Good)	24 (Good)	22 (Good)	23 (Good)	29 (Good)	26 (Good)	22 (Good)	19 (Good)	32 (Good)
7	MANGAN, North Sikkim	34 (Good)	44 (Good)	44 (Good)	35 (Good)	-	43 (Good)	40 (Good)	27 (Good)	22 (Good)	38 (Good)	34 (Good)
8	CHUNGTHANG, North Sikkim	23 (Good)	21 (Good)	29 (Good)	24 (Good)	-	26 (Good)	25 (Good)	25 (Good)	24 (Good)	29 (Good)	28 (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 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	01.10.2024	47.98	17.32	5.12	12.51	48
	03.10.2024	44.14	14.91	6.42	10.02	44
	07.10.2024	57.73	16.26	7.34	12.56	58
	09.10.2024	49.3	14.61	6.71	8.76	49
	19.10.2024	53.79	13.25	4.44	9.8	54
	21.10.2024	50.98	20.65	6.64	10.72	51
	23.10.2024	49.04	12.9	4.68	8.16	49
	25.10.2024	47.08	16.96	5.63	8	47
	29.10.2024	54.83	11.04	4.51	7.76	55
	31.10.2024	50.91	17.09	4.7	7.28	51
Singtam	01.10.2024	52.54	16.46	4.48	12.37	53
	03.10.2024	50.44	18.19	4.96	13.08	50
	07.10.2024	49.01	15.41	5.21	13.18	49
	09.10.2024	55.27	18.33	6.51	14.04	55
	19.10.2024	51.12	17.07	6.03	13.3	51
	21.10.2024	55.1	20.27	6.25	12.99	55
	23.10.2024	54.15	18.74	6.44	12.71	54
	25.10.2024	51.56	16.25	5.99	12.55	52
	29.10.2024	56.54	20.52	5.29	11.82	57
	31.10.2024	57.03	23.27	5.06	13.01	57
Gangtok	01.10.2024	31.98	17.6	6.31	8.3	32
	03.10.2024	30.4	15.59	4.79	6.88	30
	07.10.2024	33.33	14.29	5.91	10.56	33
	09.10.2024	23.85	13.59	4.65	11.14	24
	19.10.2024	35.31	17.89	4.83	8.52	35
	21.10.2024	36.74	18.38	4.06	7.83	37
	23.10.2024	33.73	16.72	4.92	8.19	34
	25.10.2024	29.8	15.47	4.42	7.09	30
	29.10.2024	40.74	16.33	6.55	11.01	41
	31.10.2024	35.83	17.6	4.7	8.88	36
Ravangla	01.10.2024	31.08	12.62	7.02	6.81	31
	03.10.2024	31.13	12.83	6.45	6.17	31
	07.10.2024	31.36	13.08	5.5	6.96	31
	09.10.2024	33.76	15.23	5.47	7.62	34
	19.10.2024	31.8	13.64	6.09	6.56	32
	21.10.2024	28.55	12.14	5.42	6.31	29
	23.10.2024	32.93	14.99	5.2	7.79	33
	25.10.2024	33.31	15.05	6.47	6.54	33
	29.10.2024	29.78	13.29	6.76	6.59	30
	31.10.2024	33.04	14.61	6.77	7.56	33

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	03.10.2024	20.5	8.5	3.31	4.93	20
	07.10.2024	19.56	8.4	4.12	5.17	20
	09.10.2024	23.96	7.2	3.88	5.55	24
	17.10.2024	22.36	7.4	2.51	5.14	22
	19.10.2024	23.2	8.8	3.12	6.03	23
	21.10.2024	28.5	8.4	2.94	6.7	29
	23.10.2024	26.1	4.7	3.55	5.84	26
	25.10.2024	21.8	9.4	3.74	6.57	22
	29.10.2024	19.4	7	4.12	6.1	19
	31.10.2024	32.26	13.7	3.88	5.7	32
Namchi	01.10.2024	28.28	12.86	5.55	7.06	28
	03.10.2024	32.19	15.79	4.59	6.86	32
	07.10.2024	31.24	14.17	4.47	6.73	31
	09.10.2024	32.42	13.21	4.7	7.31	32
	19.10.2024	31.9	13.32	4.8	6.89	32
	21.10.2024	33.55	14.5	5.34	6.54	34
	23.10.2024	31.47	13.65	5.78	7.22	31
	25.10.2024	30.76	14.1	4.6	6.75	31
	29.10.2024	33.97	16.25	4.26	6.68	34
	31.10.2024	34.03	15.68	5.77	7.73	34
Chungthang	01.10.2024	23.49	4.57	4.57	5.57	23
	03.10.2024	20.83	4.99	4.4	5.79	21
	07.10.2024	28.92	6.89	4.77	6.09	29
	09.10.2024	24.49	7.1	5.17	5.55	24
	19.10.2024	25.96	6.35	5.21	6.52	26
	21.10.2024	24.81	7.89	4.95	5.26	25
	23.10.2024	24.59	7.55	4.41	5.41	25
	25.10.2024	24.16	6.66	5.15	6.08	24
	29.10.2024	29.14	6.65	5.15	6.08	29
	31.10.2024	28.48	9.19	4.08	4.91	28
Mangan	01.10.2024	34.24	16.92	3.12	5.95	34
	03.10.2024	44.31	12.52	3.79	6.04	44
	07.10.2024	44.48	8.36	4.42	6.21	44
	09.10.2024	35.39	12.97	3.59	6.08	35
	19.10.2024	43.45	17.35	3.98	6.41	43
	21.10.2024	39.72	12.5	4.17	6.06	40
	23.10.2024	27.12	8.32	3.75	5.92	27
	25.10.2024	22	9.26	3.4	5.91	22
	29.10.2024	38.16	8.43	3.21	5.73	38
	31.10.2024	34.27	13.12	3.4	5.89	34
National Ambient Air Quality Standard (NAAQS-24rs)		80	80	100	60	

National Ambient Air Quality Standard (NAAQS-24hrs)