

STATE POLLUTION CONTROL BOARD-SIKKIM
AMBIENT AIR QUALITY MONITORING REPORT FOR THE
MONTH OF OCTOBER 2022

SN	LOCATION	AIR QUALITY INDEX						
	NAME OF STATION	11.10.2022	13.10.2022	17.10.2022	19.10.2022	21.10.2022	25.10.2022	27.10.2022
1	RANGPO, East Sikkim	49 (Good)	58 (Satisfactory)	46 (Good)	57 (Satisfactory)	72 (Satisfactory)	79 (Satisfactory)	60 (Satisfactory)
2	SINGTAM, East Sikkim	62 (Satisfactory)	66 (Satisfactory)	-	-	-	-	-
3	DEORALI, East Sikkim	35 (Good)	32 (Good)	-	-	-	-	-
4	RAVANGLA, South Sikkim	16 (Good)	16 (Good)	17 (Good)	17 (Good)	17 (Good)	16 (Good)	15 (Good)
5	NAMCHI, South Sikkim	35 (Good)	37 (Good)	33 (Good)	35 (Good)	35 (Good)	33 (Good)	38 (Good)
6	PELLING, West Sikkim	21 (Good)	24 (Good)	30 (Good)	28 (Good)	36 (Good)	22 (Good)	27 (Good)
7	MANGAN, North Sikkim	18 (Good)	13 (Good)	14 (Good)	18 (Good)	22 (Good)	18 (Good)	14 (Good)
8	CHUNGTHANG, North Sikkim	16 (Good)	17 (Good)	16 (Good)	19 (Good)	18 (Good)	29 (Good)	23 (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 OCTOBER 2022

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)	AQI
RANGPO	11-10-2022	3.51	8.7	49.36	49
	13-10-2022	3.99	9.26	58.42	58
	17-10-2022	6.3	6.26	45.56	46
	19-10-2022	4.41	6.62	57.35	57
	21-10-2022	5.78	8.26	71.79	72
	25-10-2022	7.14	8.72	79.19	79
	27-10-2022	5.49	7.98	59.66	60
Singtam	11-10-2022	6.28	8.79	62.15	62
	13-10-2022	6.3	10.05	65.5	66
Gangtok	11-10-2022	5.63	8.03	35.15	35
	13-10-2022	4.82	8.51	32.07	32
Ravangla	11-10-2022	4.37	3.28	15.9	16
	13-10-2022	2.63	2.44	15.8	16
	17-10-2022	2.68	3.94	16.99	17
	19-10-2022	2.68	3.93	17.17	17
	21-10-2022	2.92	2.5	16.63	17
	25-10-2022	2.76	2.5	16.42	16
	27-10-2022	3.51	3.5	14.92	15
Namchi	11-10-2022	4.5	5.6	35.32	35
	13-10-2022	4.9	5.64	37.24	37
	17-10-2022	4.7	6.23	33.27	33
	19-10-2022	4.7	6.58	35.39	35
	21-10-2022	4.5	4.63	34.62	35
	25-10-2022	5.2	6.03	32.59	33
	27-10-2022	6.3	6.51	38.45	38
Pelling	11-10-2022	6.06	2.65	20.93	21
	13-10-2022	4.32	1.86	23.53	24
	17-10-2022	5.24	3.09	29.7	30
	19-10-2022	3.84	1.92	28.27	28
	21-10-2022	5.08	1.67	35.63	36
	25-10-2022	7.38	2.38	21.86	22
	27-10-2022	6.58	2.81	27.36	27
Mangan	11-10-2022	-	-	18.42	18
	13-10-2022	-	-	12.6	13
	17-10-2022	-	-	13.57	14
	19-10-2022	4.9	6.4	18.42	18

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)	AQI
	21-10-2022	3.3	3.57	22.33	22
	25-10-2022	3.8	5.33	18.34	18
	27-10-2022	4.2	6.15	14.36	14
Chungthang	11-10-2022	-	-	16.22	16
	13-10-2022	-	-	17.43	17
	17-10-2022	-	-	16.4	16
	19-10-2022	-	-	18.52	19
	21-10-2022	-	-	17.54	18
	25-10-2022	-	-	28.64	29
	27-10-2022	-	-	23.37	23
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

National Ambient Air Quality Standard (NAAQS-24hrs)