

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

SN	LOCATION	AIR QUALITY INDEX							
	NAME OF STATION	01.02.2022	03.02.2022	08.02.2022	10.02.2022	15.02.2022	17.02.2022	22.02.2022	24.02.2022
1	RANGPO, East Sikkim	60 (Satisfactory)	56 (Satisfactory)	59 (Satisfactory)	57 (Satisfactory)	65 (Satisfactory)	65 (Satisfactory)	66 (Satisfactory)	69 (Satisfactory)
2	SINGTAM, East Sikkim	47 (Good)	56 (Satisfactory)	55 (Satisfactory)	60 (Satisfactory)	61 (Satisfactory)	62 (Satisfactory)	62 (Satisfactory)	63 (Satisfactory)
3	DEORALI, East Sikkim			44 (Good)	41 (Good)	50 (Good)	41 (Good)	48 (Good)	51 (Satisfactory)
4	RAVANGLA, South Sikkim	22 (Good)	21 (Good)	25 (Good)	26 (Good)	24 (Good)	23 (Good)	23 (Good)	21 (Good)
5	NAMCHI, South Sikkim	24 (Good)	21 (Good)	23 (Good)	21 (Good)	23 (Good)	21 (Good)	28 (Good)	25 (Good)
6	PELLING, West Sikkim	40 (Good)	40 (Good)	39 (Good)	38 (Good)	42 (Good)	39 (Good)	37 (Good)	40 (Good)
7	MANGAN, North Sikkim	24 (Good)	20 (Good)	36 (Good)	19 (Good)	39 (Good)	19 (Good)	28 (Good)	32 (Good)
8	CHUNGTHANG, North Sikkim	24 (Good)	23 (Good)	25 (Good)	27 (Good)	26 (Good)	27 (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 FEBRUARY 2022

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B			
		PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	AQI
RANGPO	01/02/2022	59.53	3.65	5.99	60
	03/02/2022	55.92	5.59	5.45	56
	08/02/2022	59.14	6.54	9.91	59
	10/02/2022	56.97	5.37	9.12	57
	15/02/2022	64.55	4.94	9.14	65
	17/02/2022	65.07	6.76	7.89	65
	22/02/2022	65.8	5.36	6.6	66
	24/02/2022	68.6	6.3	7.91	69
SINGTAM	01/02/2022	46.72	6.39	7.39	47
	03/02/2022	55.92	6.83	7.5	56
	08/02/2022	55.45	7.68	9.63	55
	10/02/2022	60.41	8.22	9.01	60
	15/02/2022	61.11	8.47	9.78	61
	17/02/2022	62.38	7.42	9.36	62
	22/02/2022	61.72	9.28	10.09	62
	24/02/2022	63.24	9.97	10.81	63
DEORALI, GANGTOK	08/02/2022	44.23	3.37	9.79	44
	10/02/2022	40.56	2.79	8.92	41
	15/02/2022	50.19	3.37	9.78	50
	17/02/2022	40.66	3.67	9.36	41
	22/02/2022	48.27	3.55	9.21	48
	24/02/2022	51.13	4.26	9.85	51
PELLING	01/02/2022	39.9	3.75	2.95	40
	03/02/2022	40.1	4.06	2.13	40
	08/02/2022	38.57	7.19	2.23	39
	10/02/2022	38.2	6.25	2.78	38
	15/02/2022	41.5	6.88	3.18	42
	17/02/2022	38.83	5.32	2.78	39
	22/02/2022	36.5	6.88	2.71	37
	24/02/2022	39.6	5.31	1.34	40
NAMCHI	01/02/2022	23.6	4.45	4.44	24
	03/02/2022	21.49	4.18	4.97	21
	08/02/2022	23.27	3.04	3.81	23
	10/02/2022	20.98	4.17	5.3	21
	15/02/2022	22.65	3.56	4.43	23
	17/02/2022	21.4	4.44	4.72	21
	22/02/2022	27.73	5.15	5.59	28
	24/02/2022	25.2	2.33	4.52	25

STATION	DATE	STANDARD OF PARAMETERS BY C.P.C.B			
		PM ₁₀ (µg/m ³)	SO ₂ (µg/m ³)	NO ₂ (µg/m ³)	AQI
RAVANGLA	01/02/2022	22.45	4.48	2.89	22
	03/02/2022	21.19	4.79	3.88	21
	08/02/2022	24.79	3.42	3.41	25
	10/02/2022	26.26	3.87	3.5	26
	15/02/2022	23.52	4.79	2.76	24
	17/02/2022	22.77	3.56	4.04	23
	22/02/2022	22.89	4.65	4.79	23
	24/02/2022	20.79	4.74	4.05	21
MANGAN	01/02/2022	24.17	3.5	5.17	24
	03/02/2022	20.01	4.17	4.75	20
	08/02/2022	35.74	2.33	8.47	36
	10/02/2022	19	2.53	7.77	19
	15/02/2022	38.8	3.27	7.42	39
	17/02/2022	18.92	3.49	7.76	19
	22/02/2022	28.42	1.79	5.38	28
	24/02/2022	31.65	2.03	6.14	32
CHUNGTHANG	01/02/2022	24.25	4.17	5.52	24
	03/02/2022	22.53	5.73	6.58	23
	08/02/2022	25.13	3.94	4.75	25
	10/02/2022	26.53	3.94	4.09	27
	15/02/2022	25.76	3.24	4.97	26
	17/02/2022	27.14	5.09	5.41	27
National Ambient Air Quality Standard (NAAQS-24hrs)		100	80	80	

National Ambient Air Quality Standard (NAAQS-24hrs)